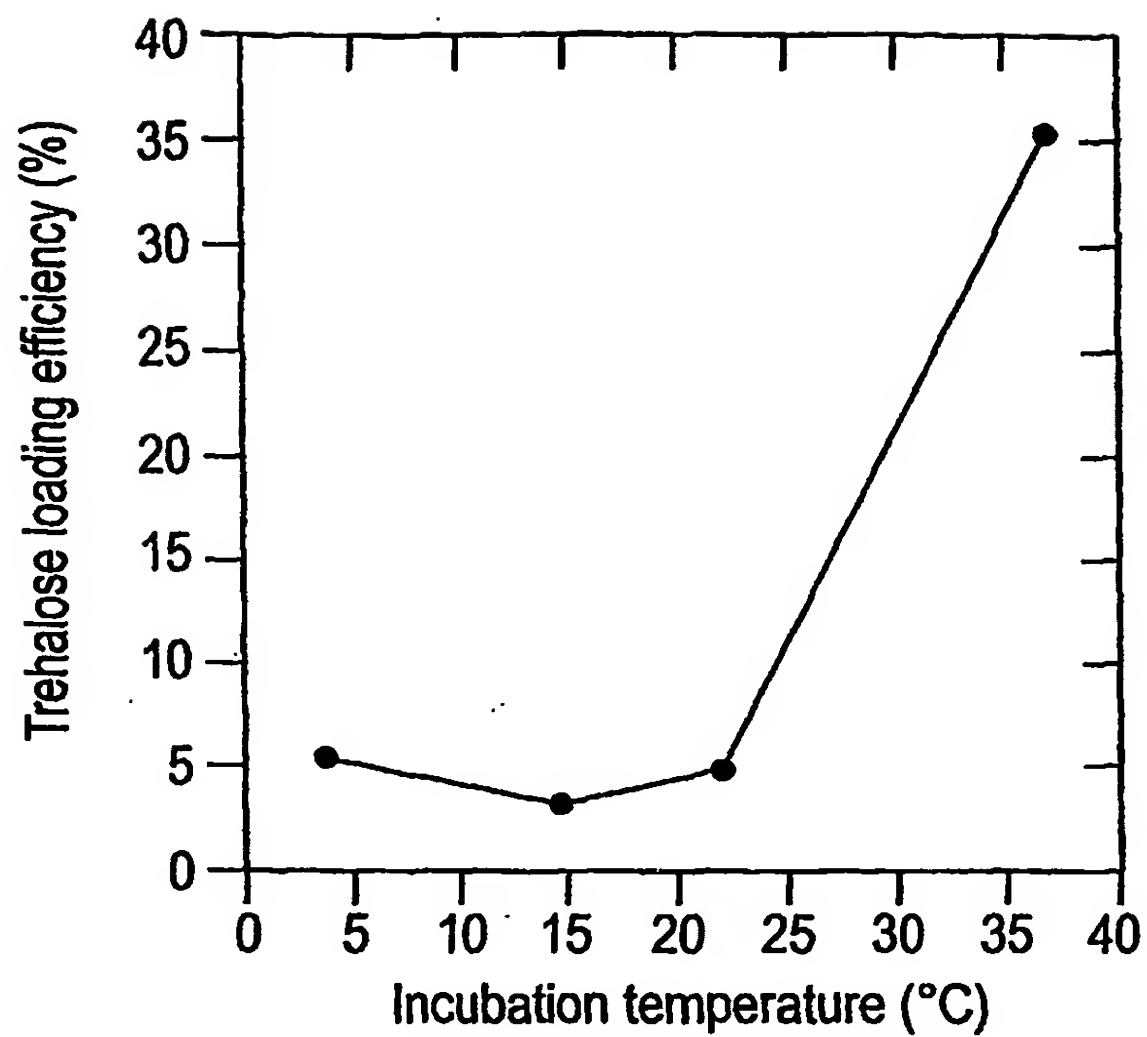
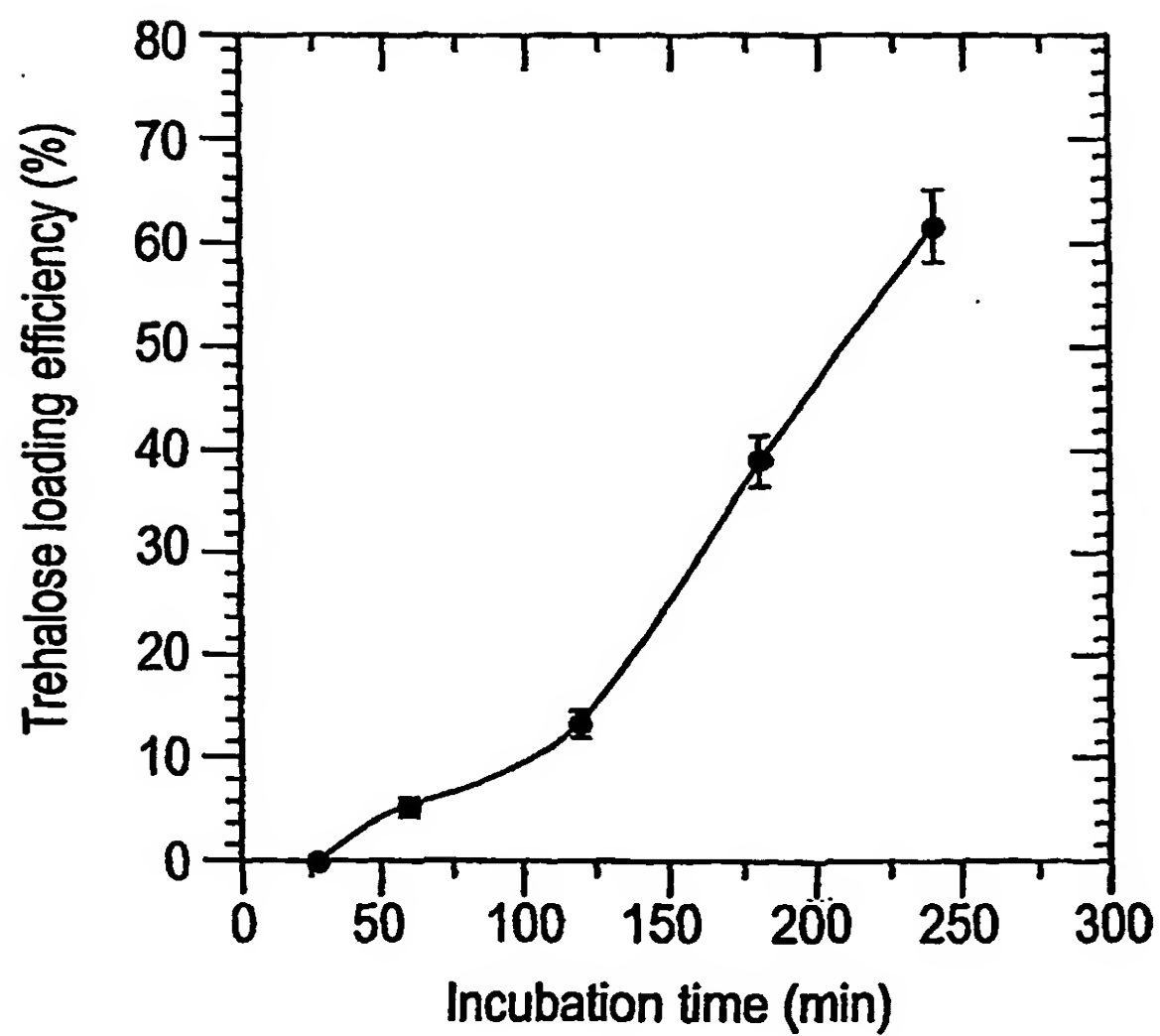


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**FIG. 1****FIG. 2**

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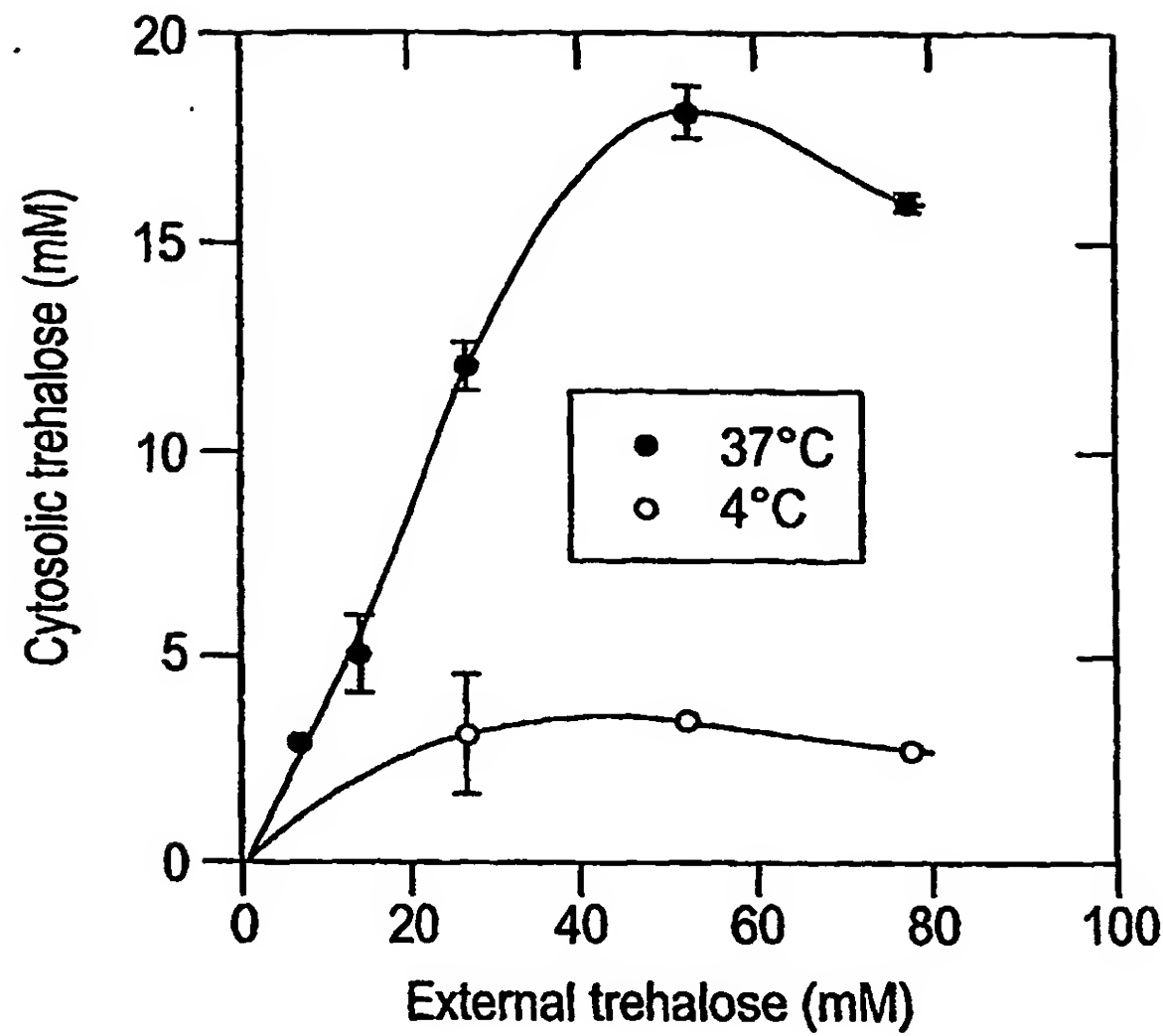


FIG. 3

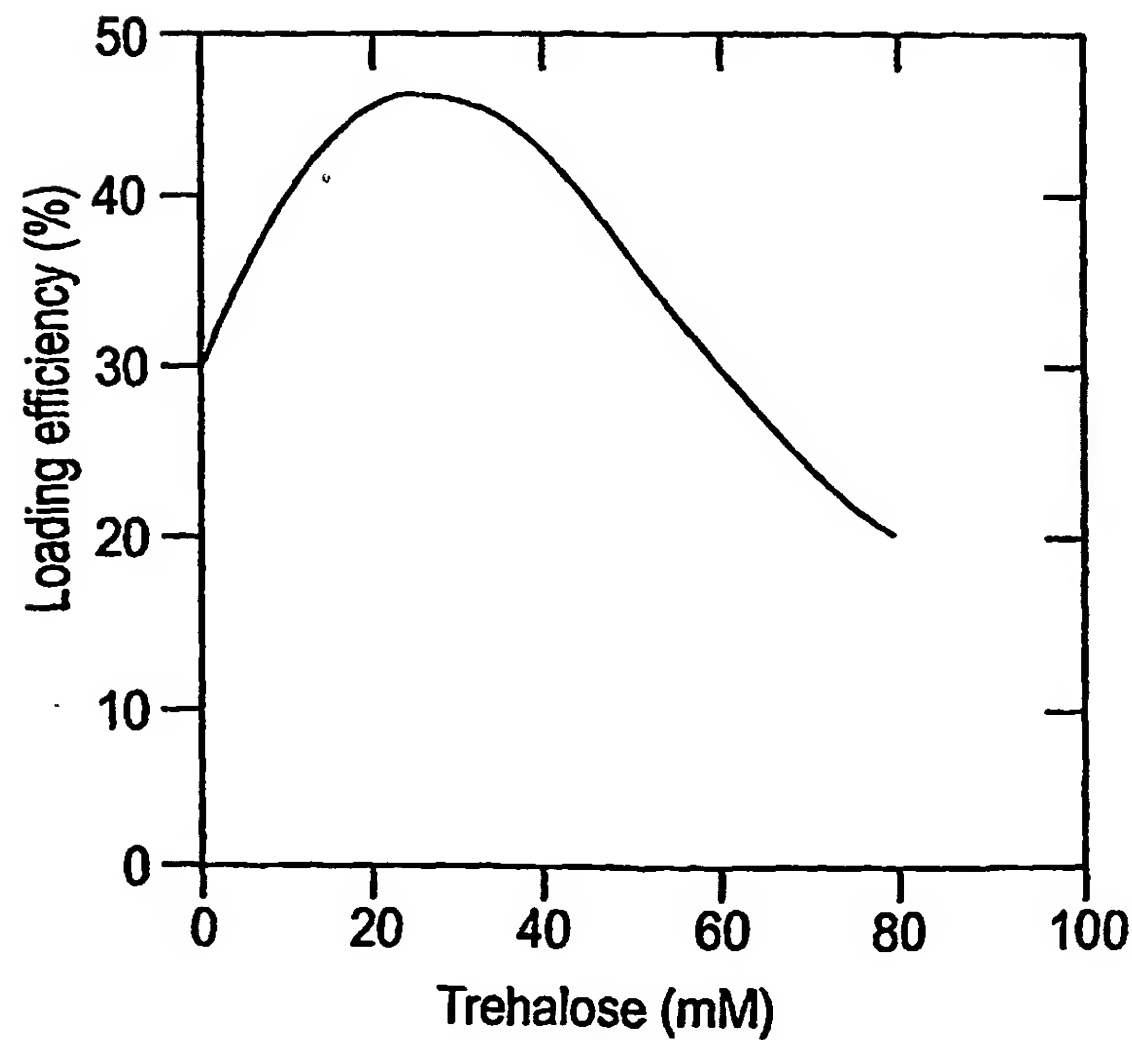
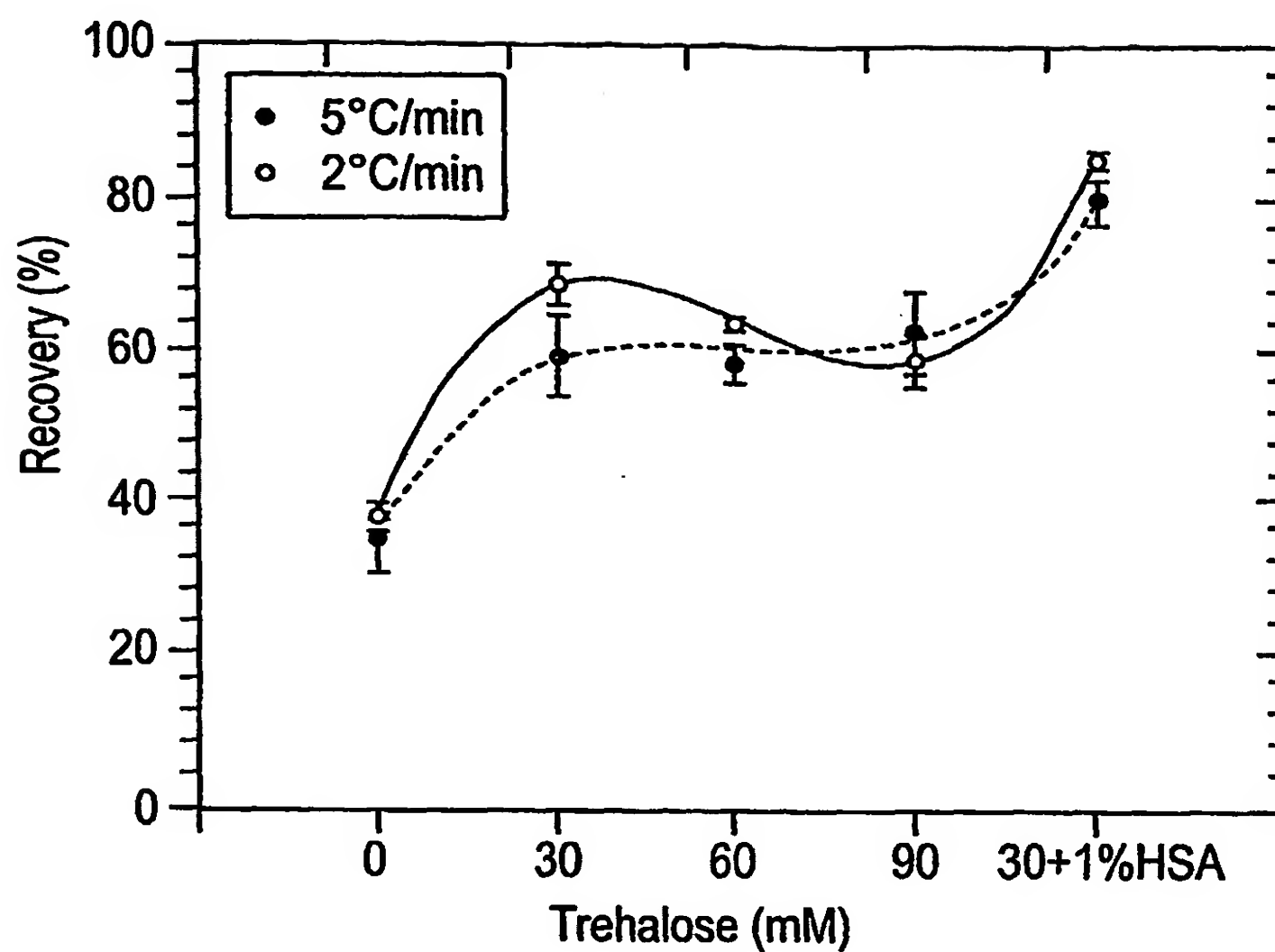
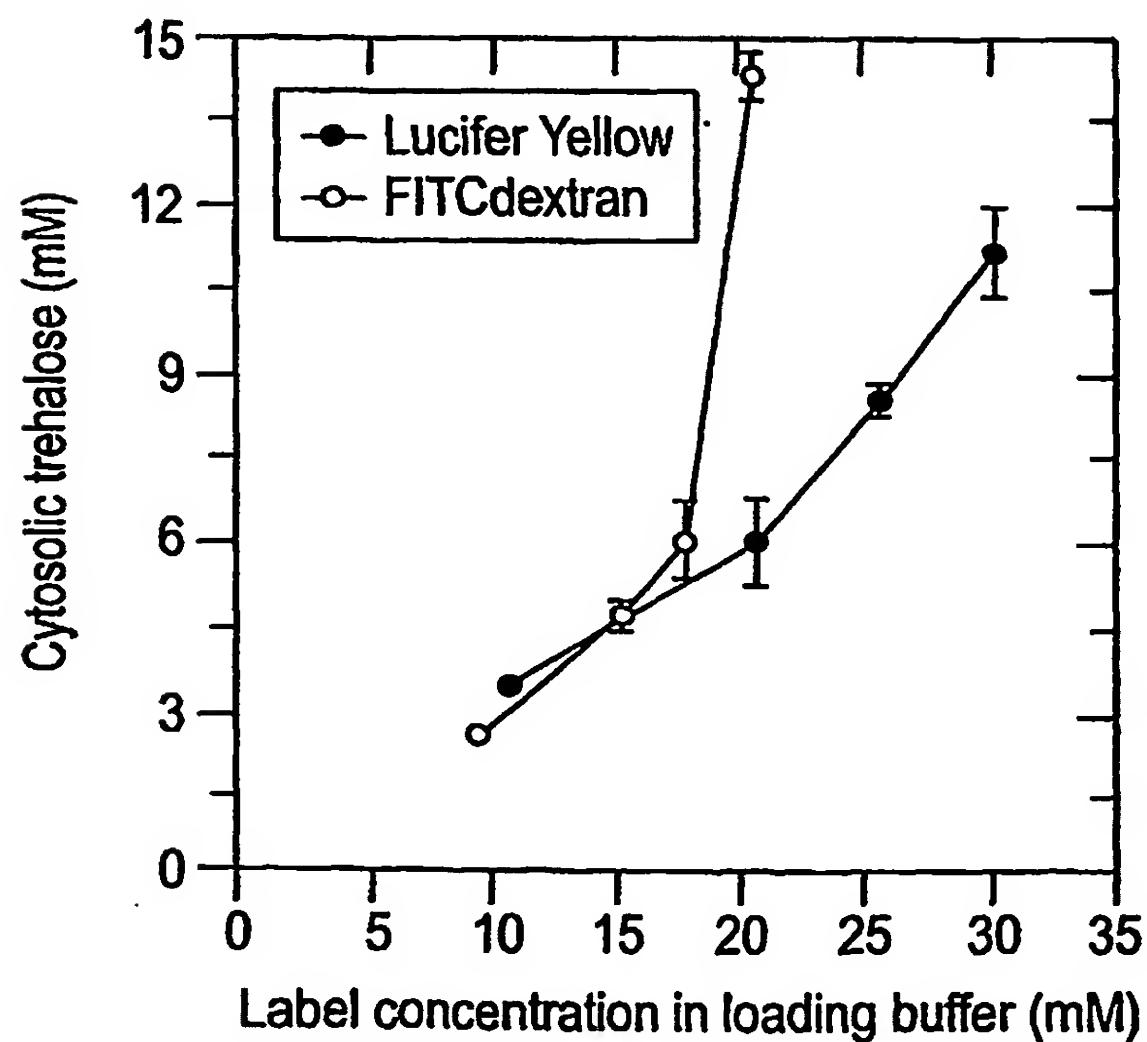


FIG. 4

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**FIG. 5****FIG. 6**

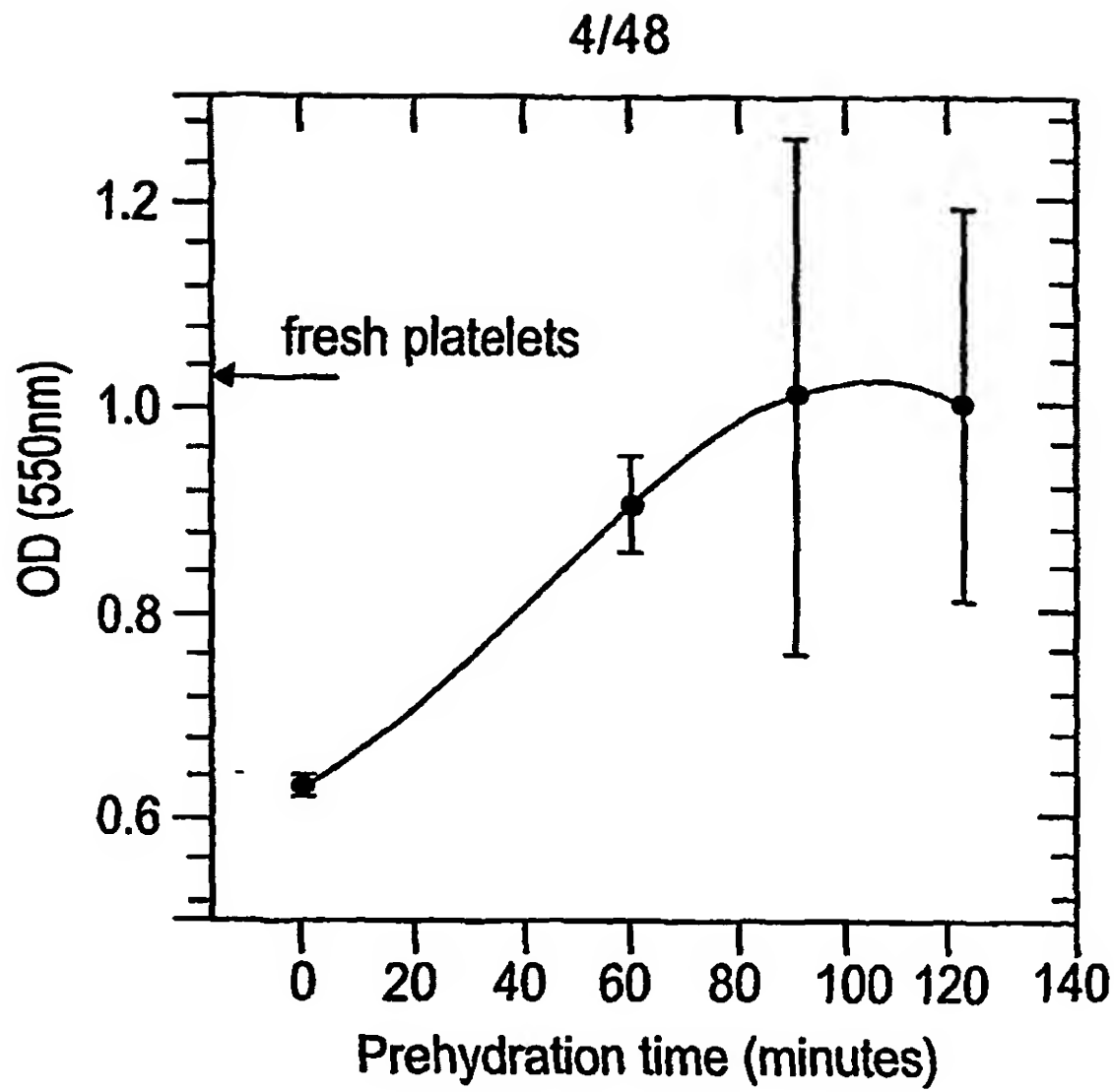


FIG. 7



FIG. 8A
(PRIOR ART)



FIG. 8B

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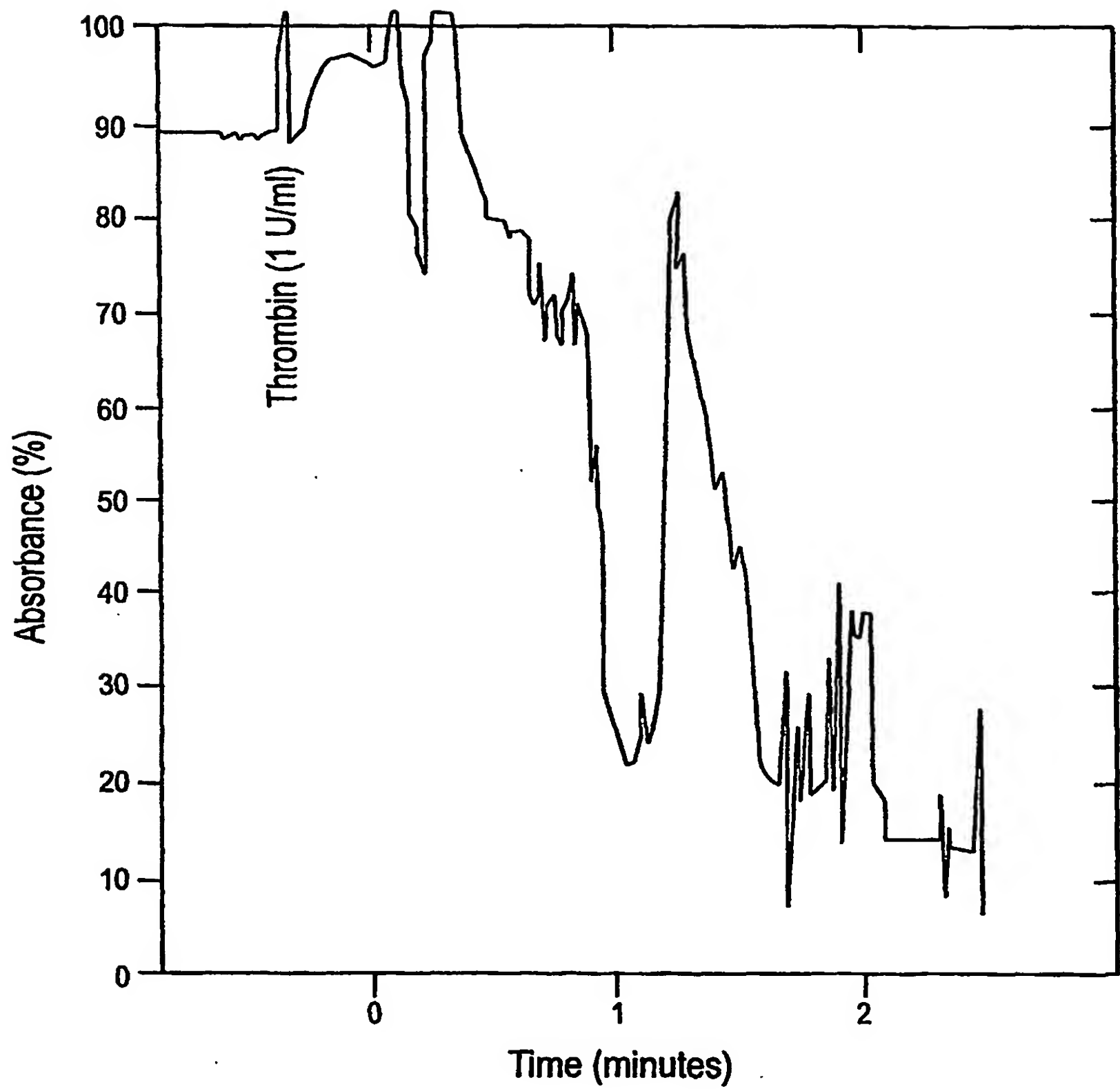


FIG. 9

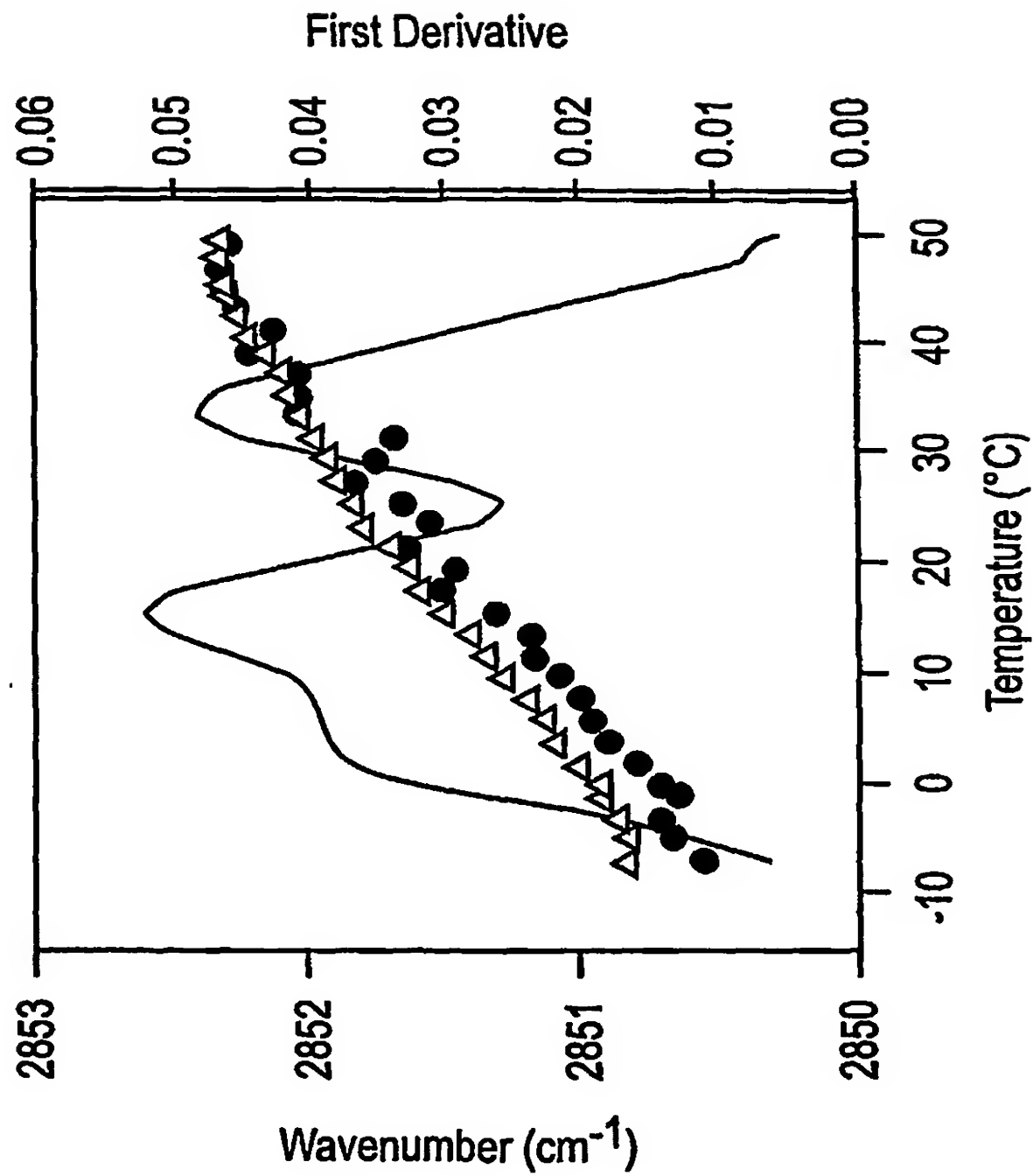


FIG. 10

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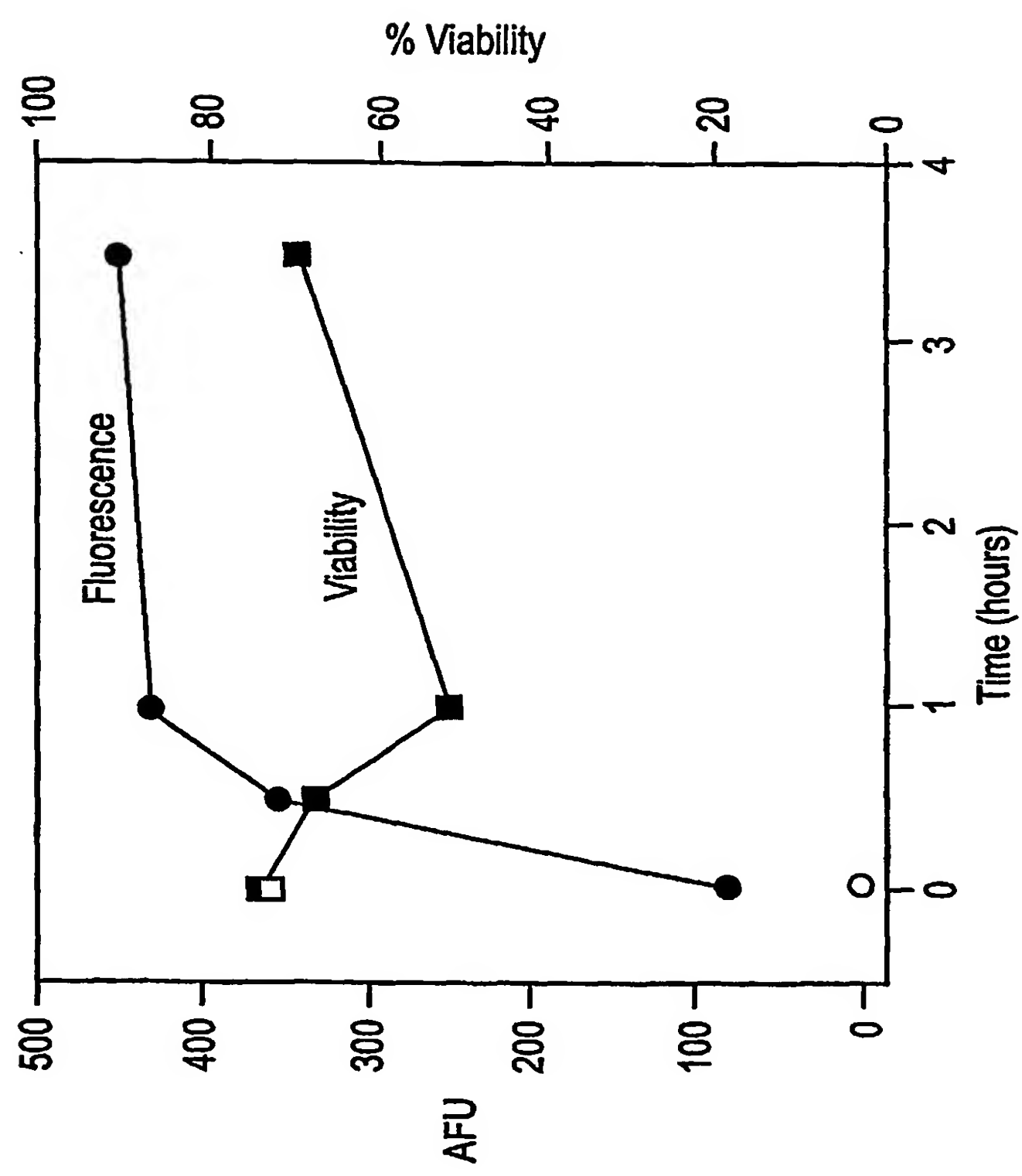
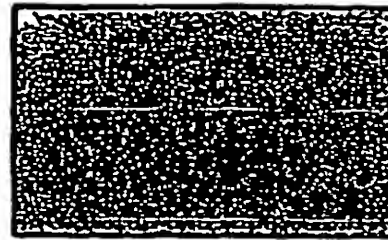
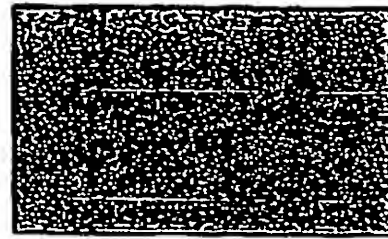
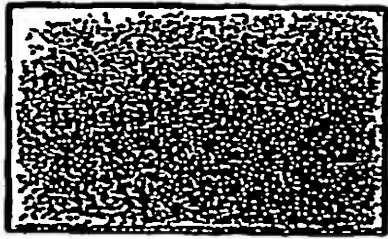
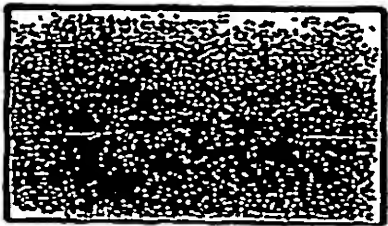


FIG. 11

FIG. 12A FIG. 12C FIG. 12E FIG. 12G FIG. 12I



A. 30 min

B. 1 Hour

C. 2 Hours

D. 3.5 Hours

E. Control

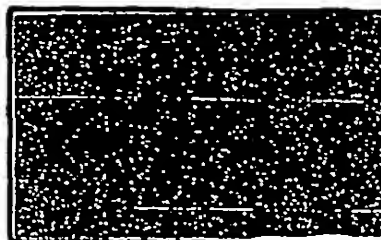
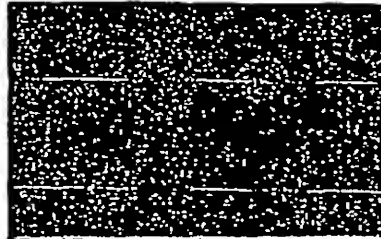
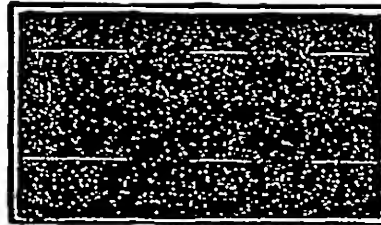
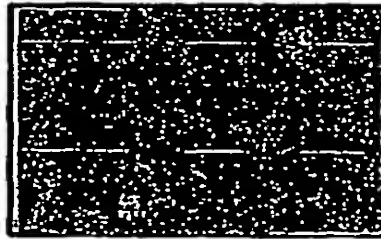
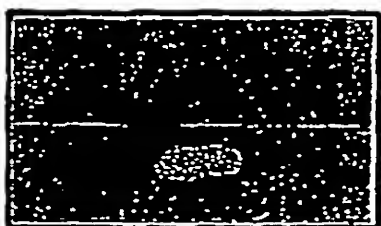
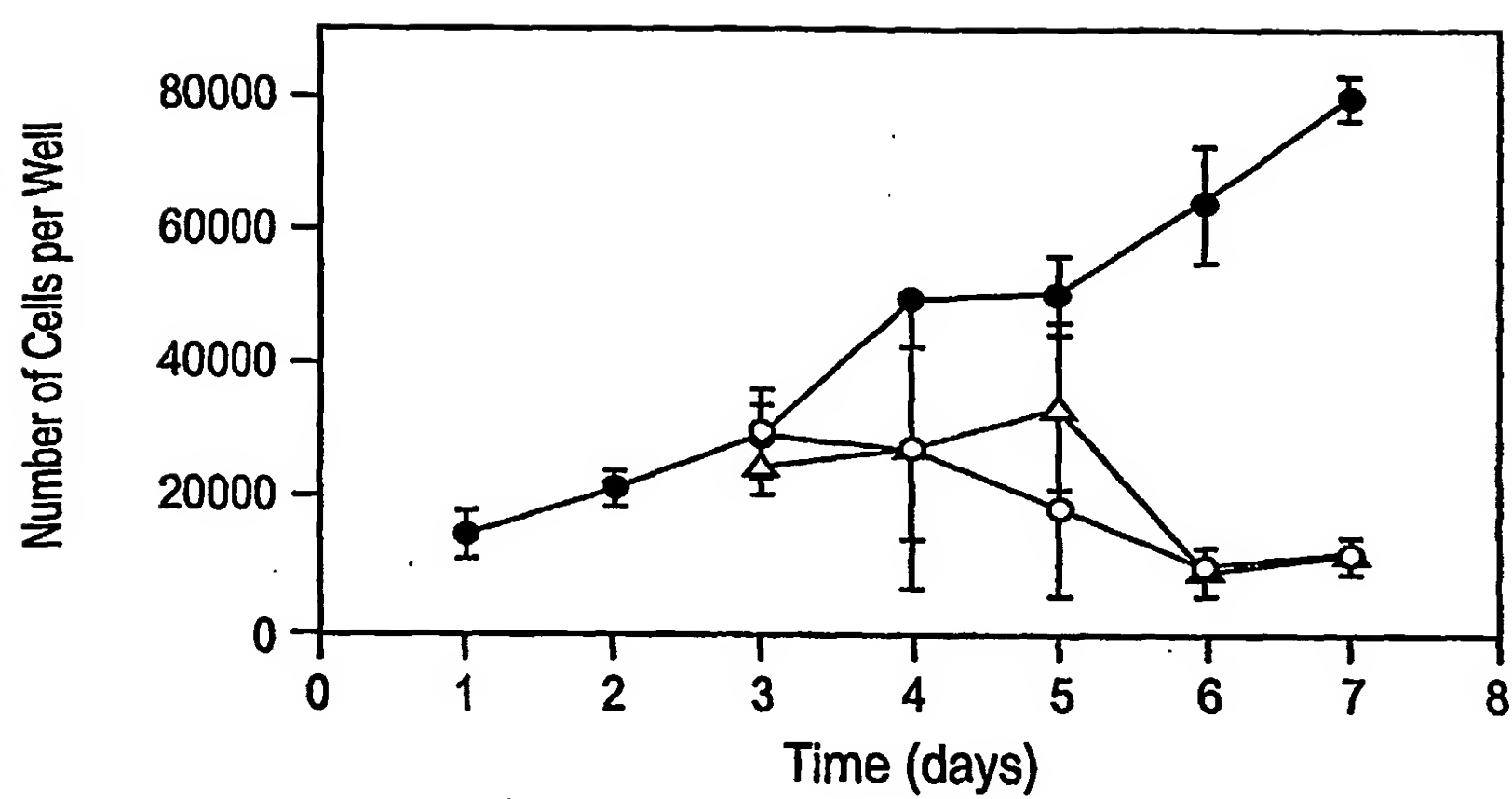


FIG. 12B FIG. 12D FIG. 12F FIG. 12H FIG. 12J

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**FIG. 13**

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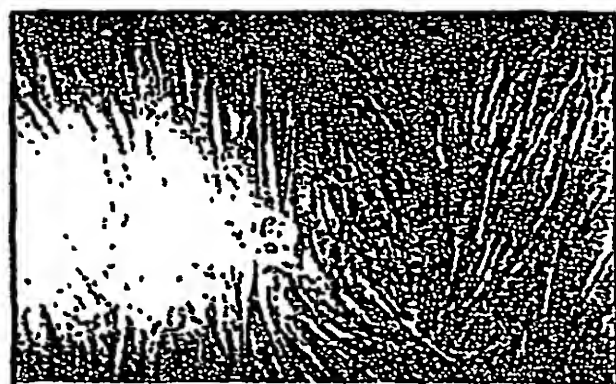


FIG. 14A



FIG. 14B

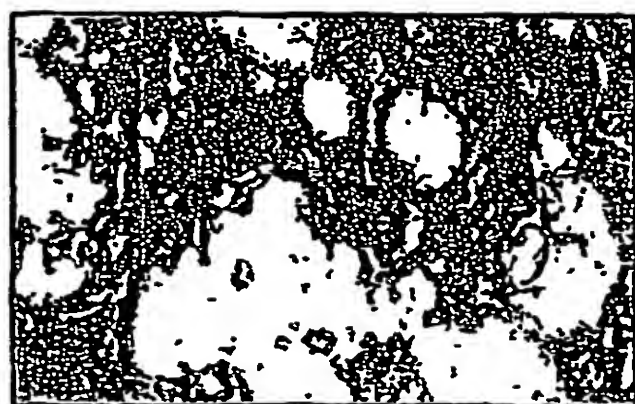


FIG. 15A

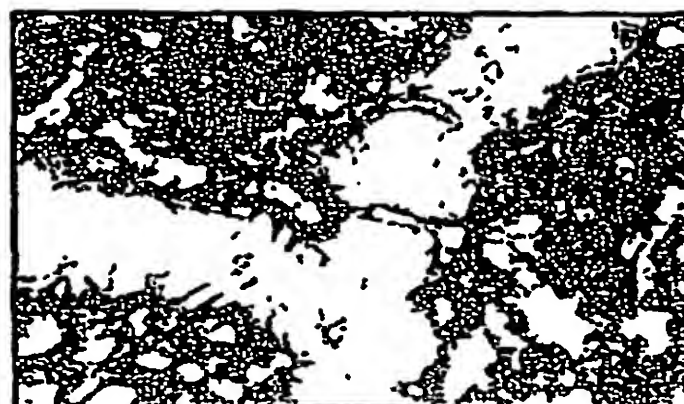


FIG. 15B

Rest Available Copy

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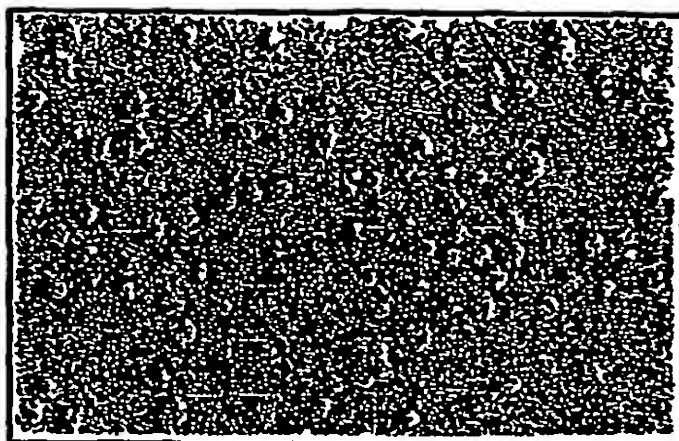


FIG. 16A

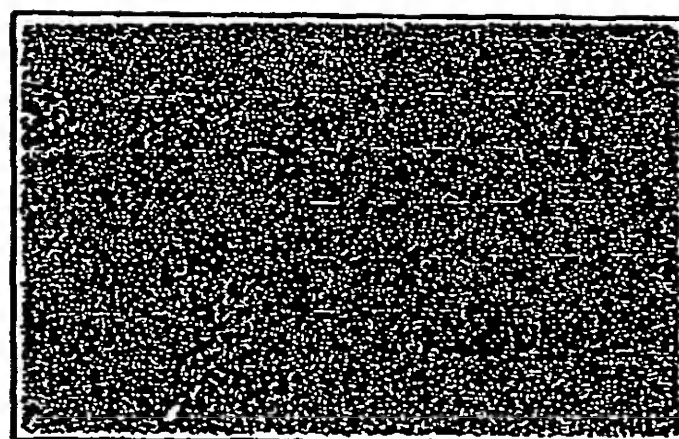


FIG. 16B

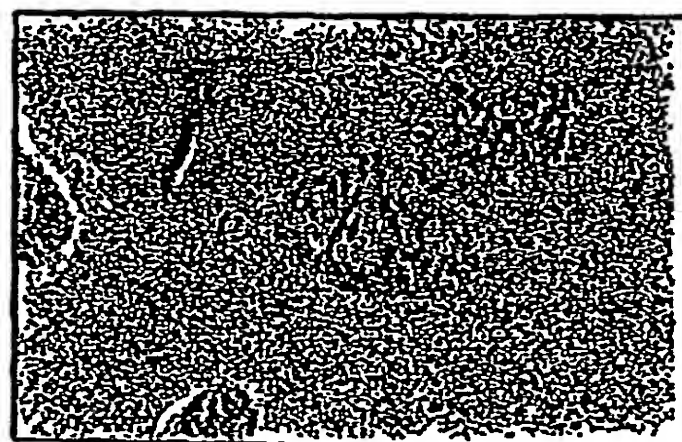


FIG. 16C

Best Available Copy

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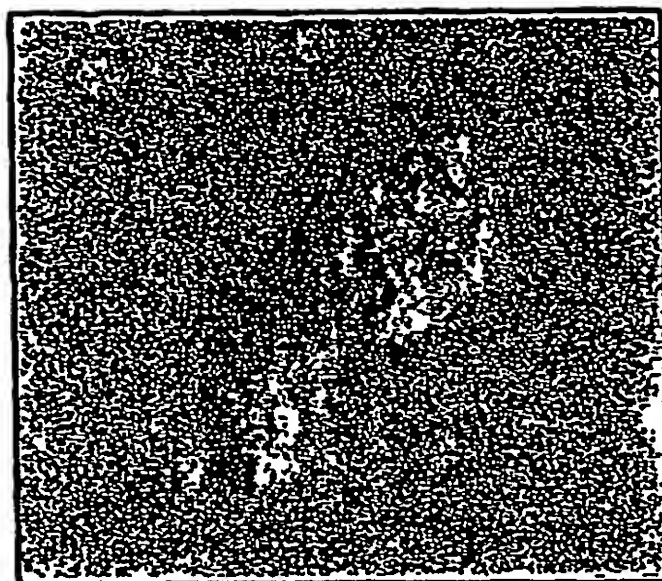


FIG. 17A

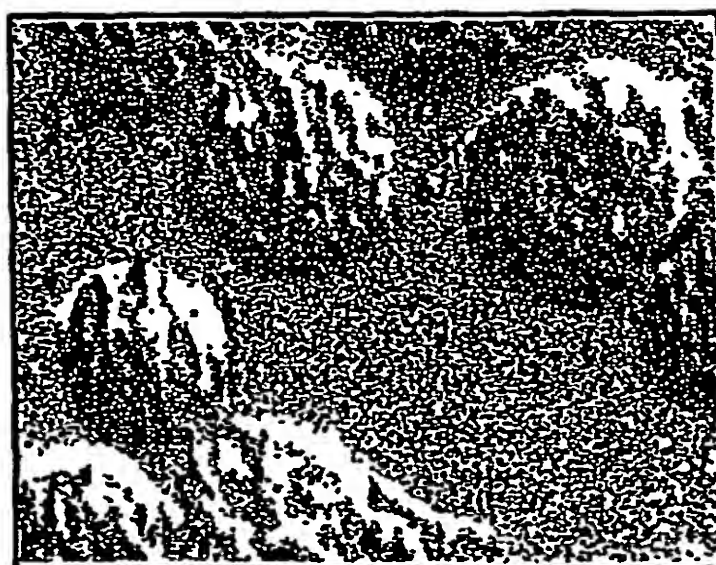


FIG. 17B

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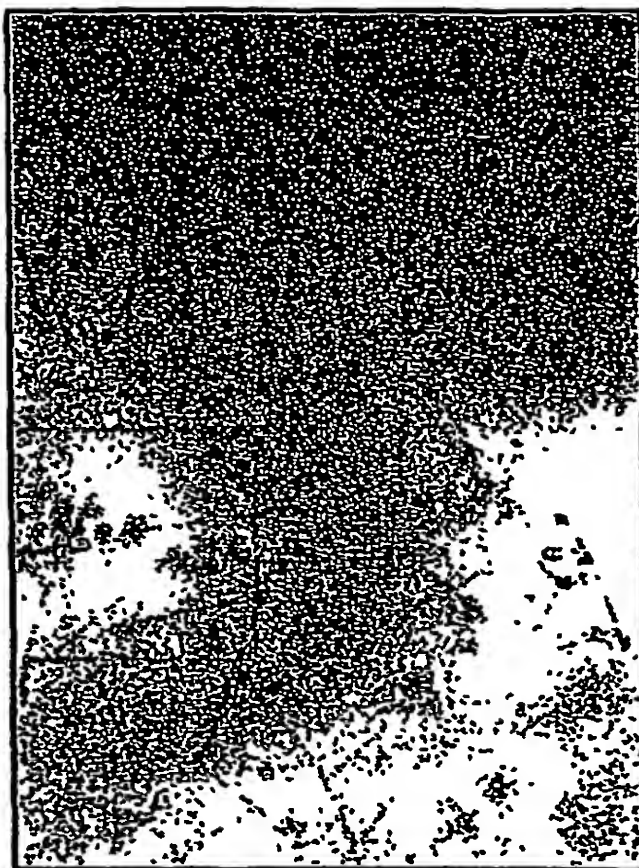


FIG. 18A



FIG. 18B

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FIG. 19A



FIG. 19B

Best Available Copy

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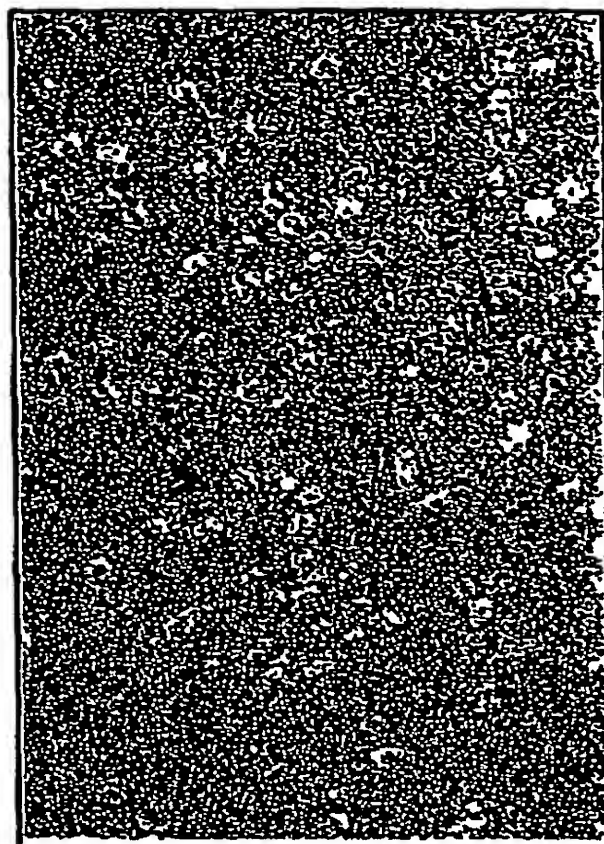


FIG. 20A



FIG. 20B

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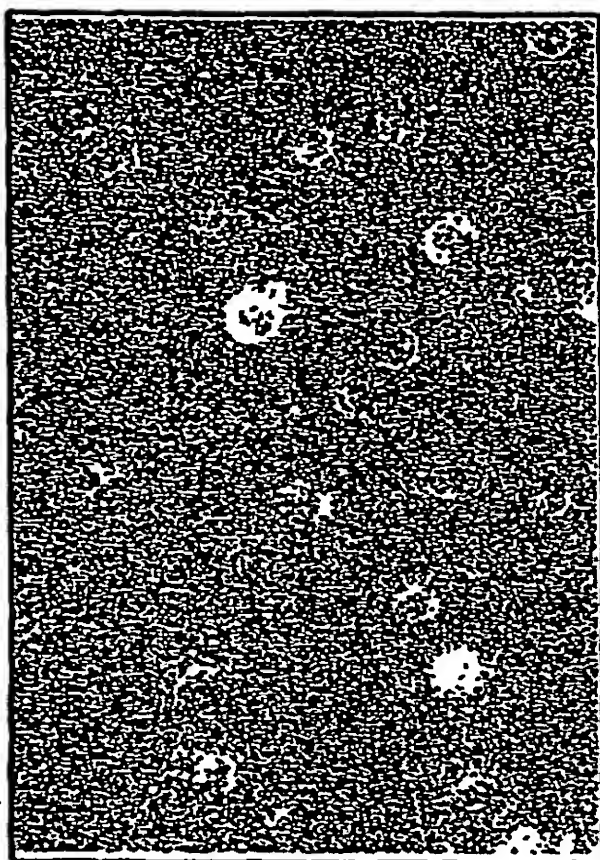


FIG. 21A

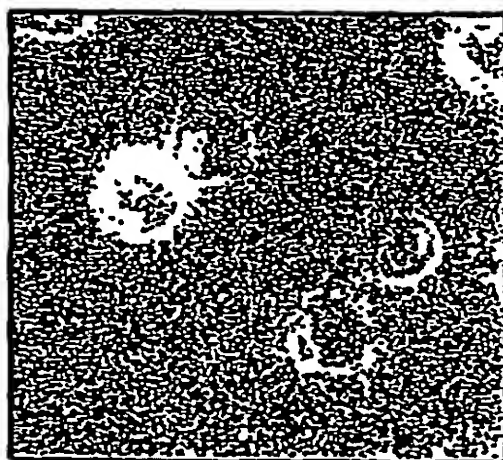
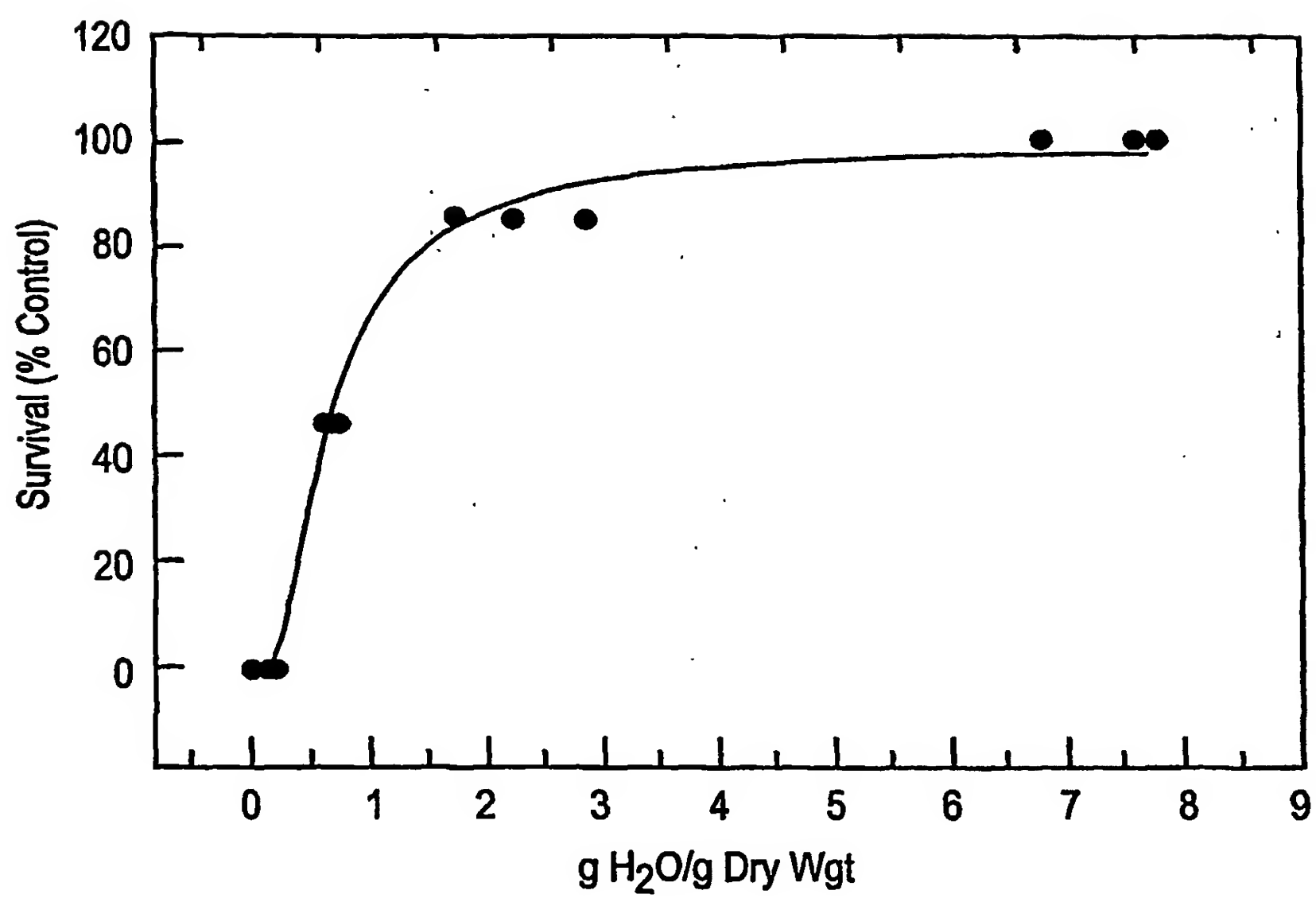


FIG. 21B

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**FIG. 22A**

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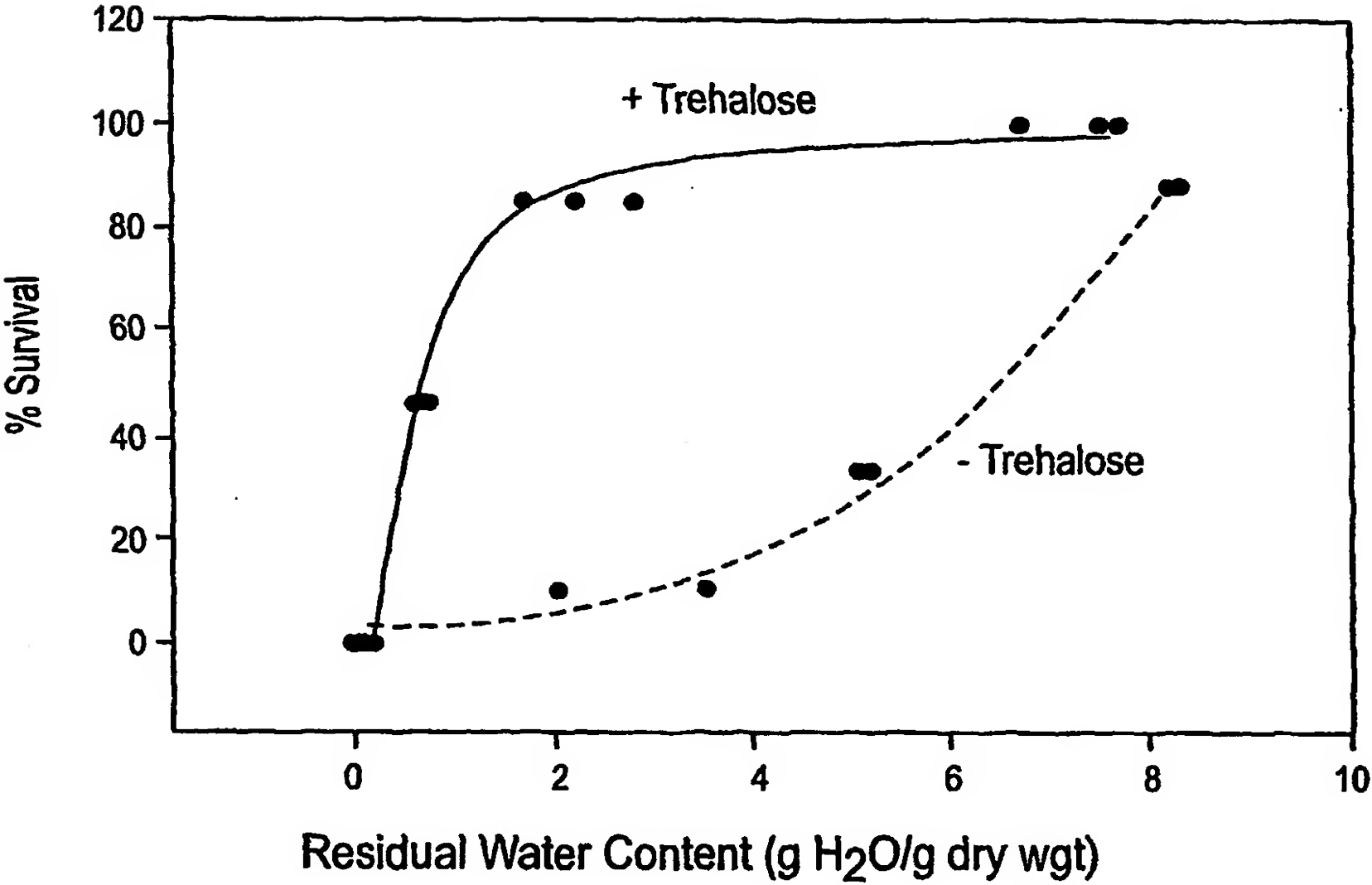


FIG. 22B

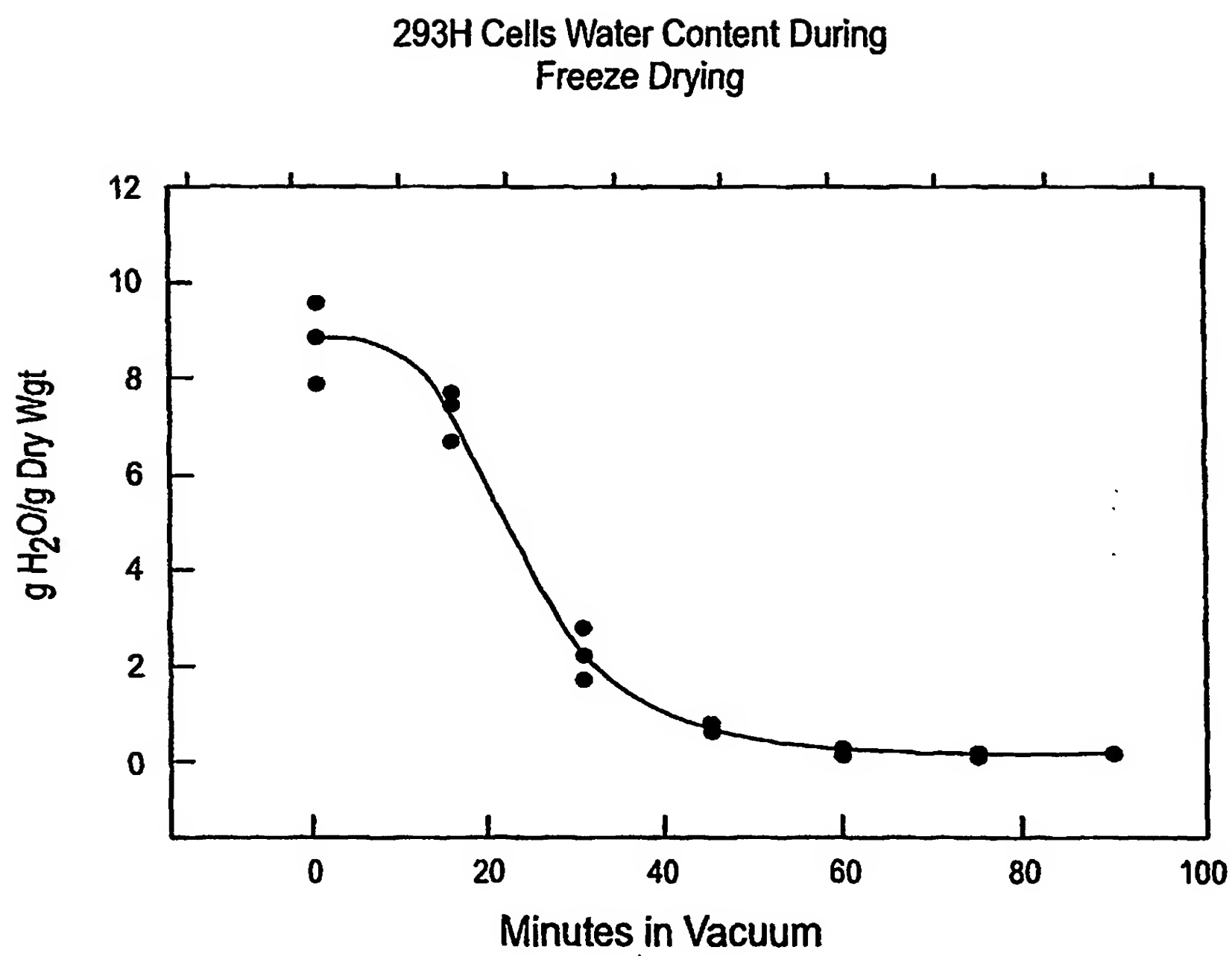
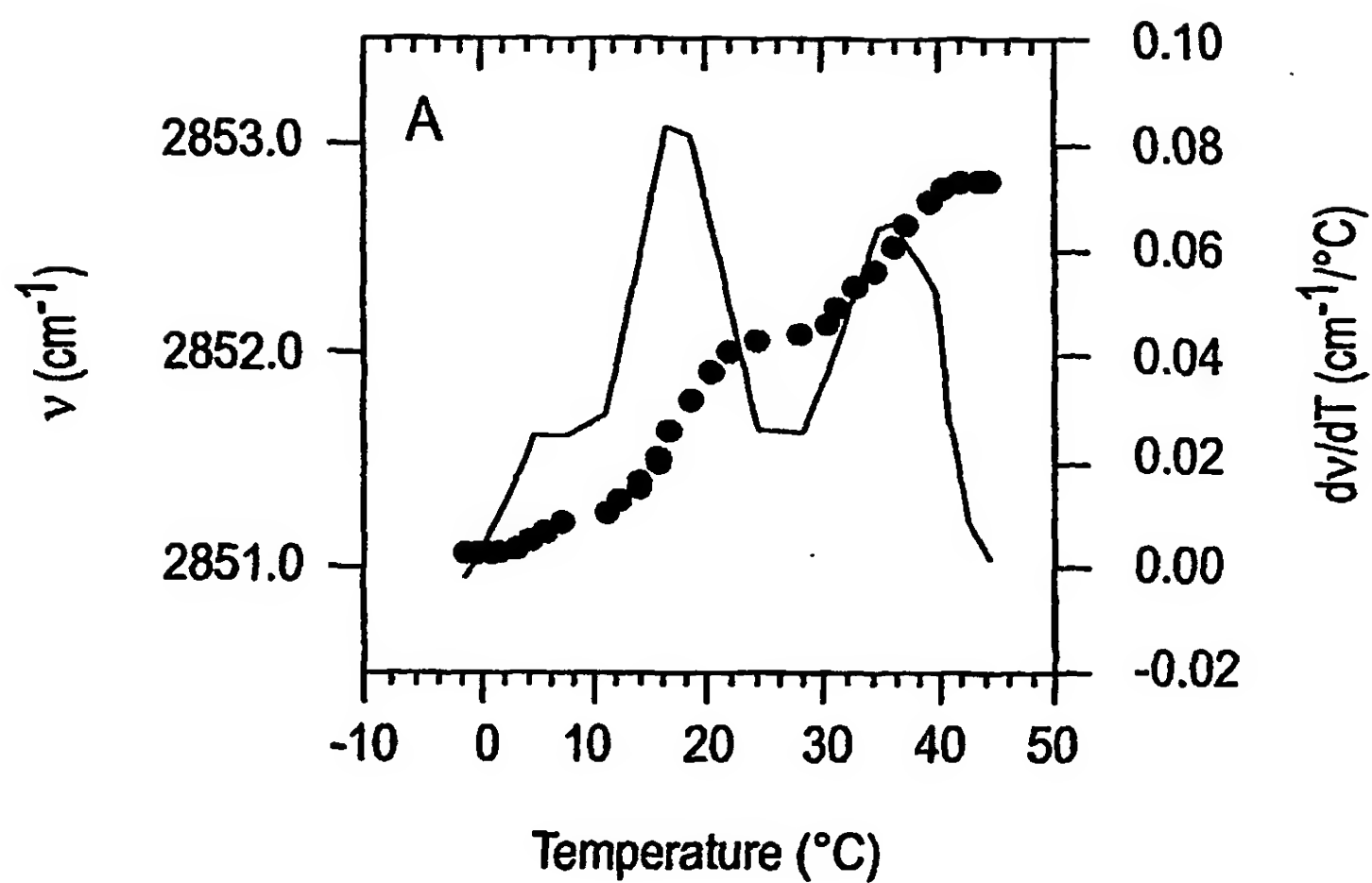
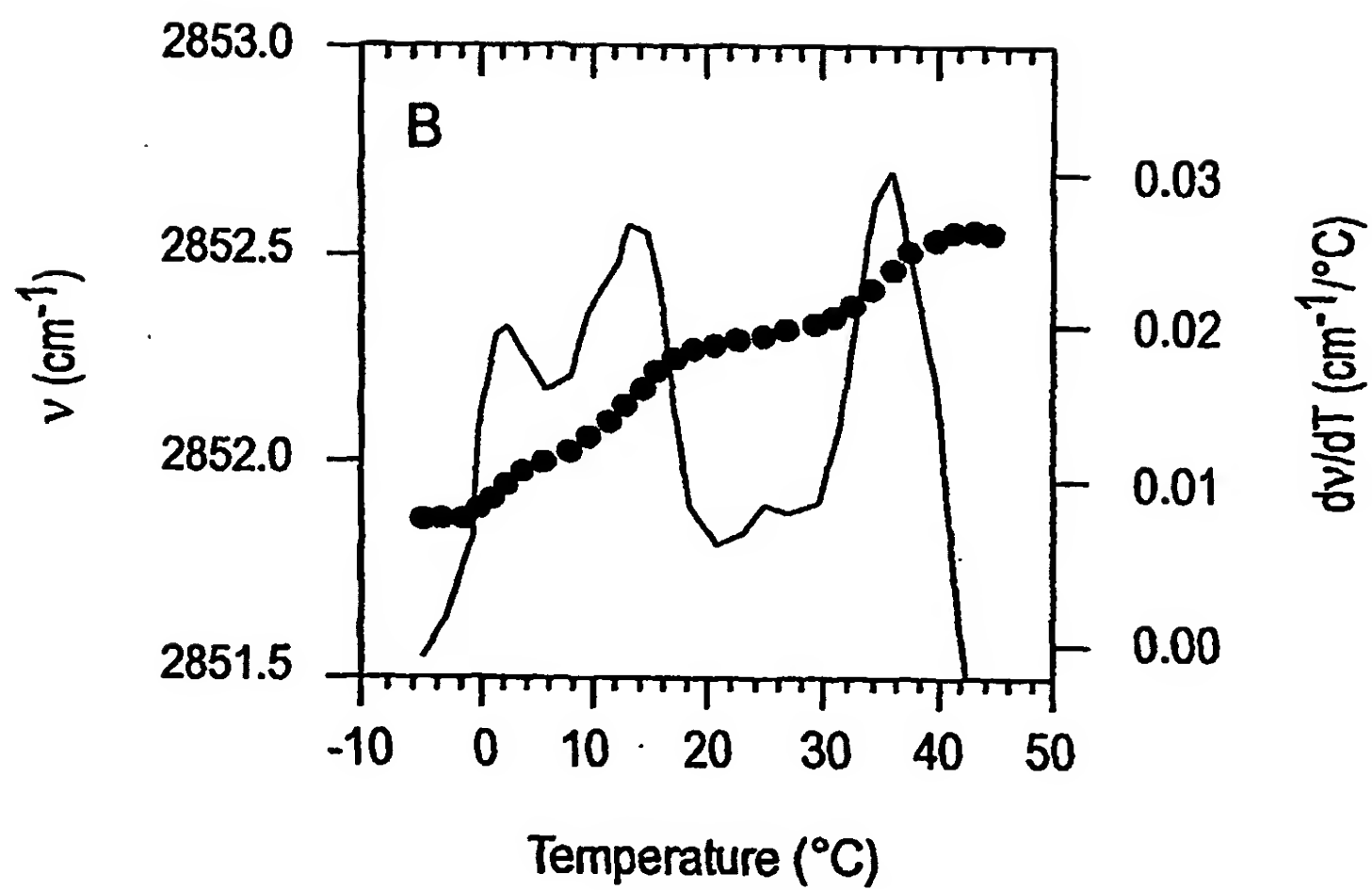


FIG. 23

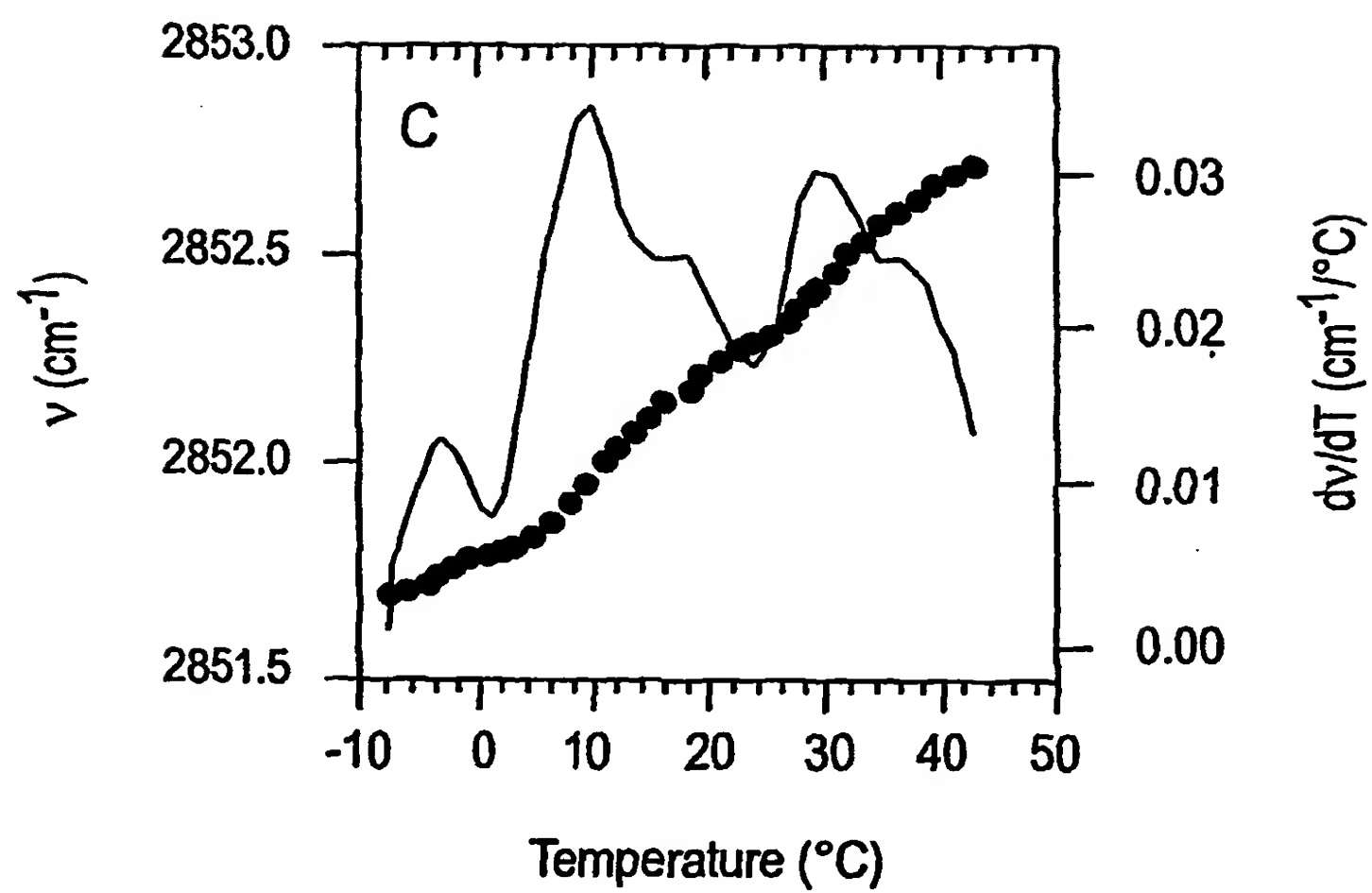
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**FIG. 24**

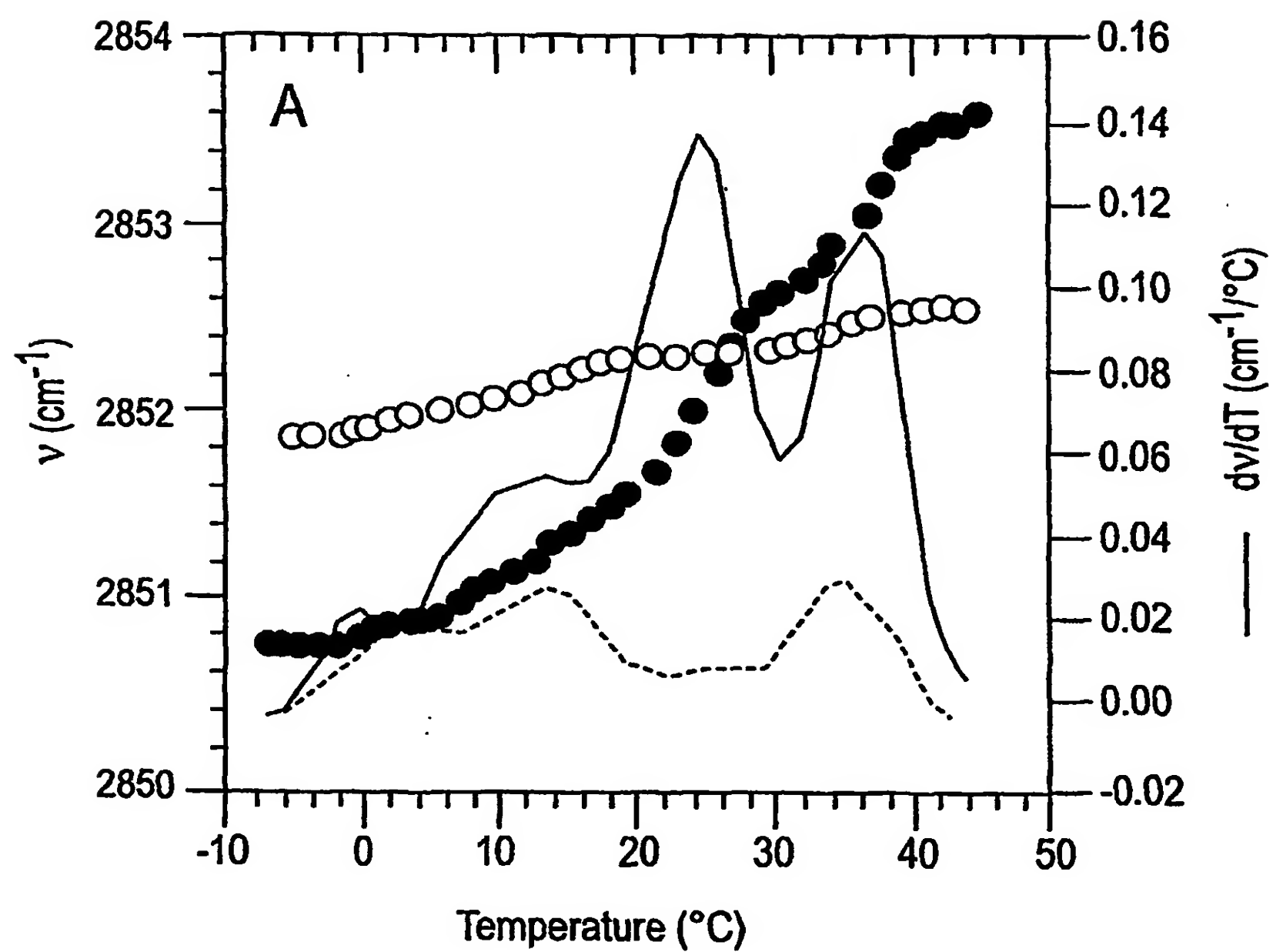
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**FIG. 25**

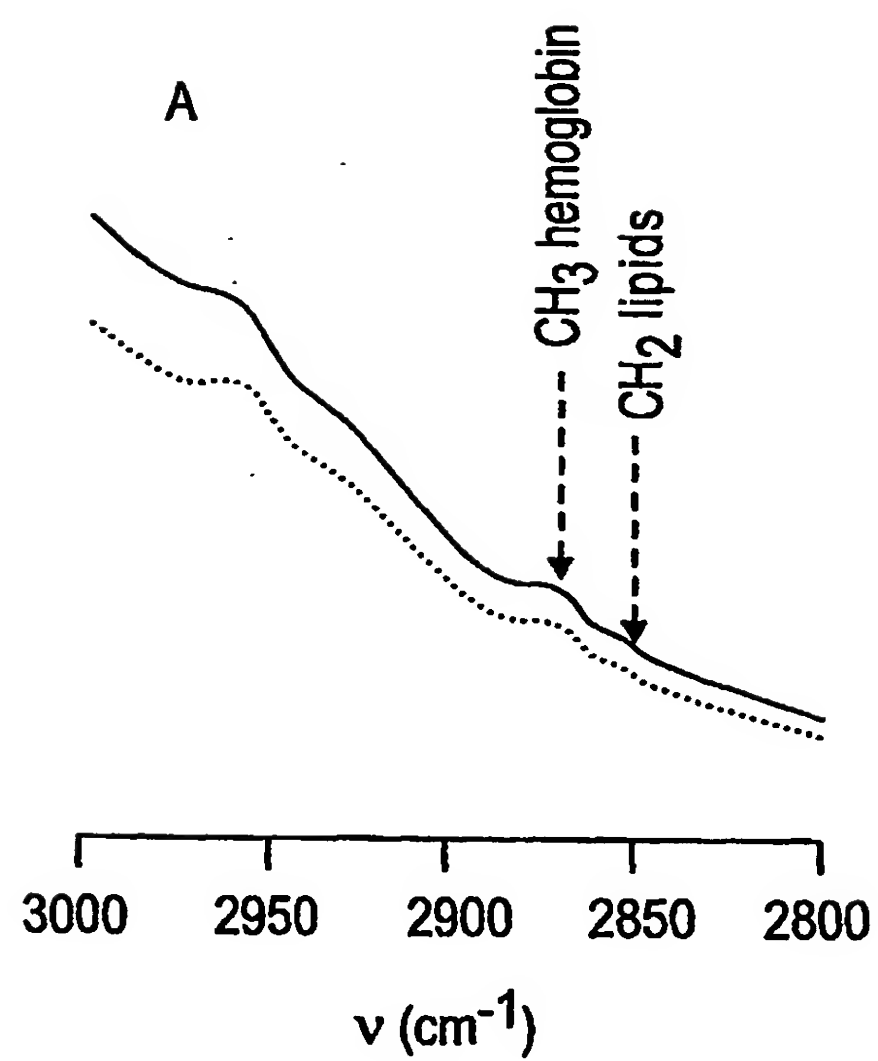
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**FIG. 26**

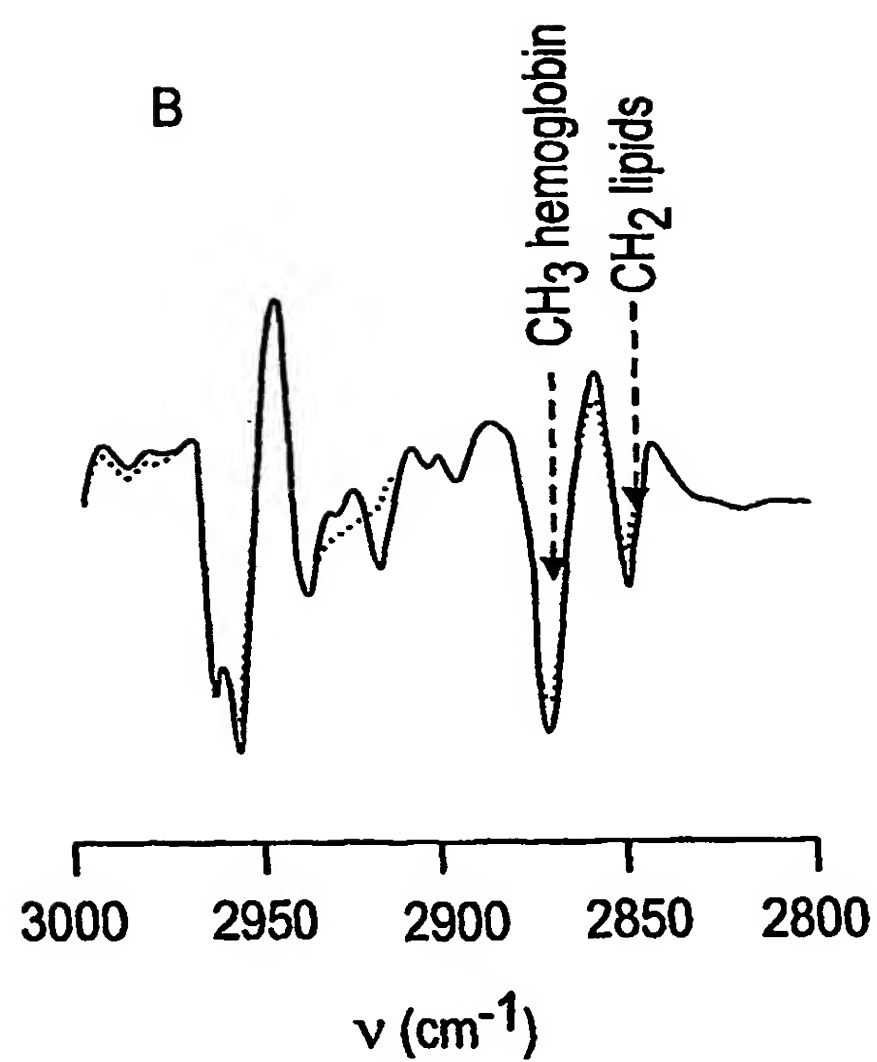
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**FIG. 27**

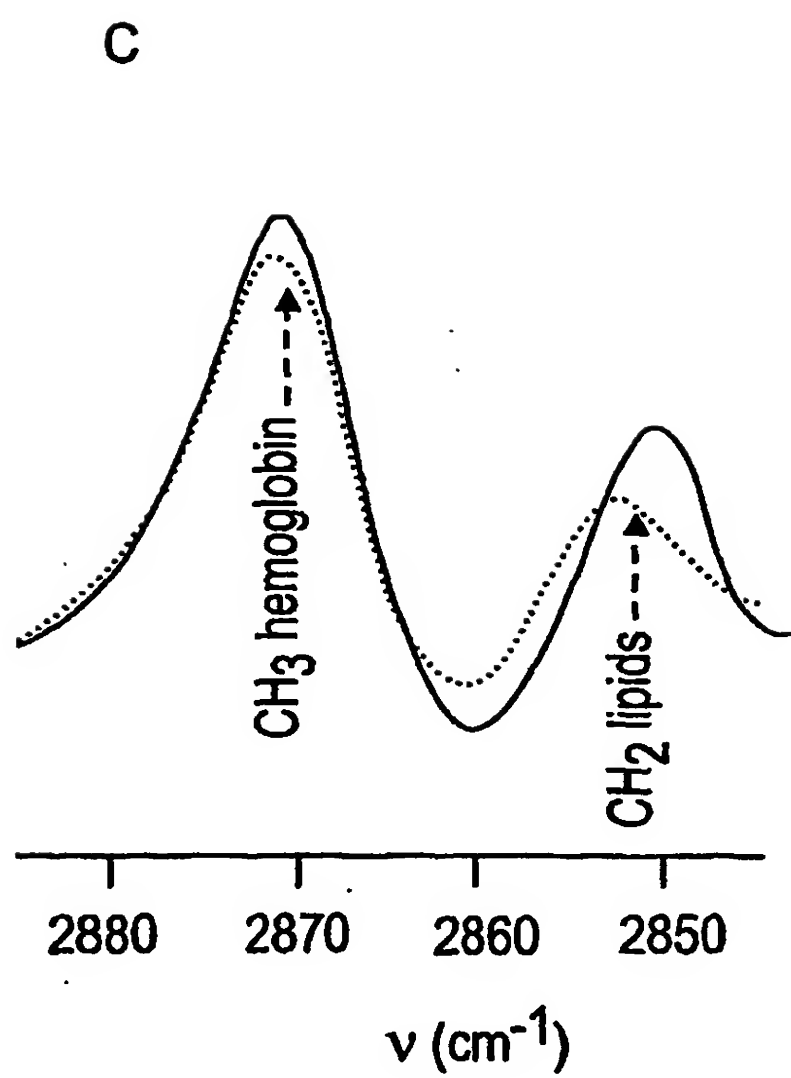
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**FIG. 28**

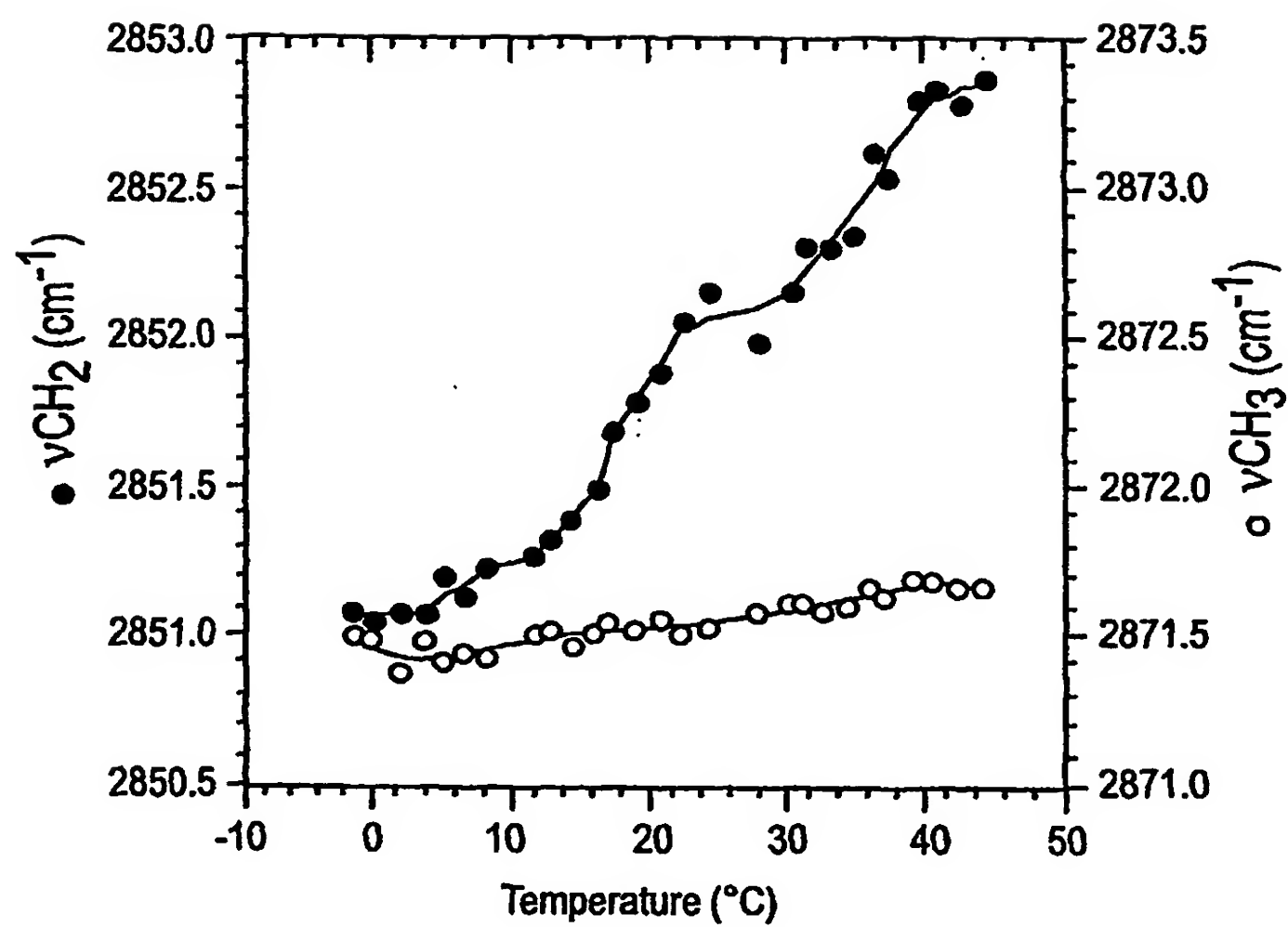
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**FIG. 29**

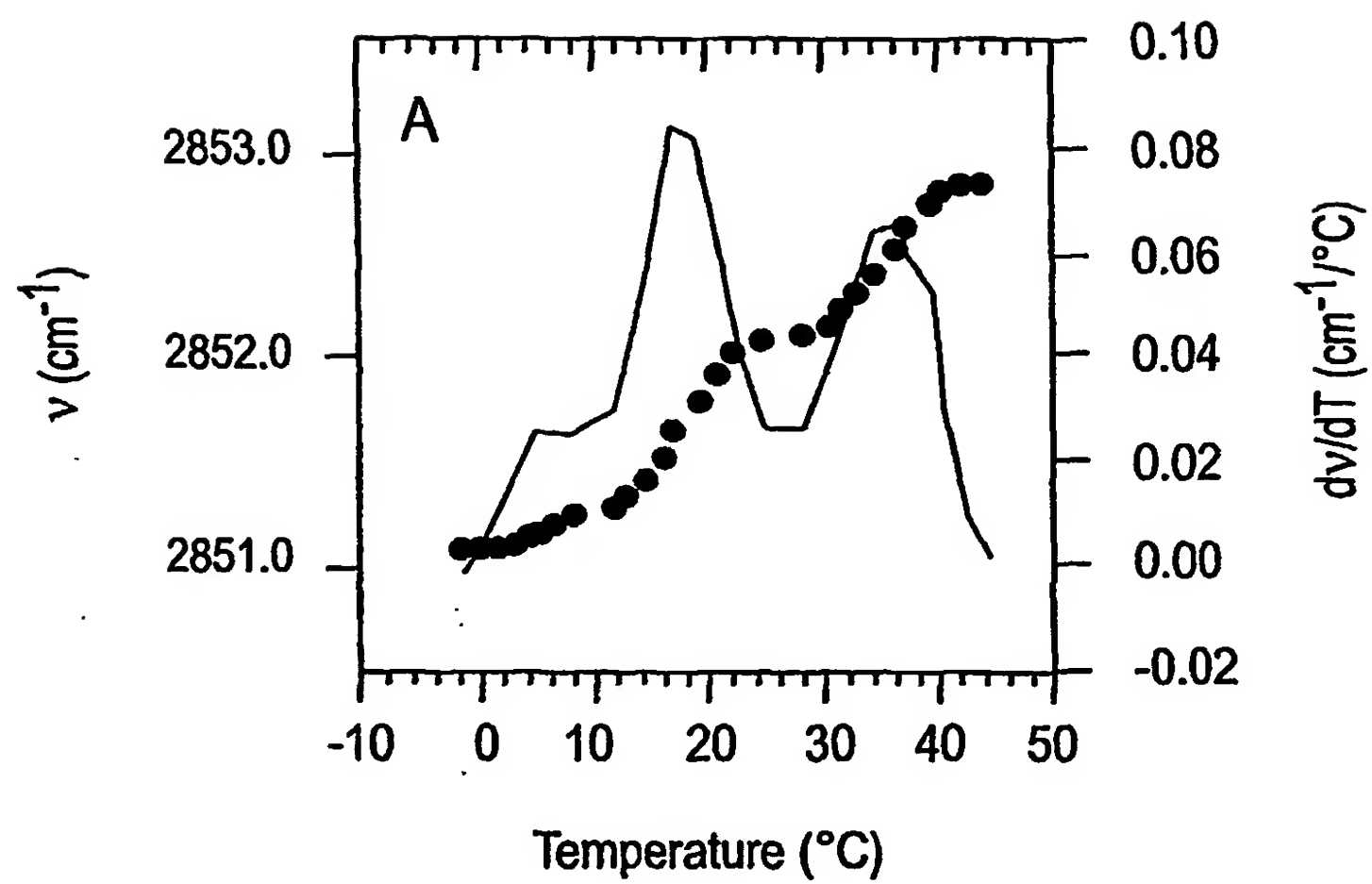
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**FIG. 30**

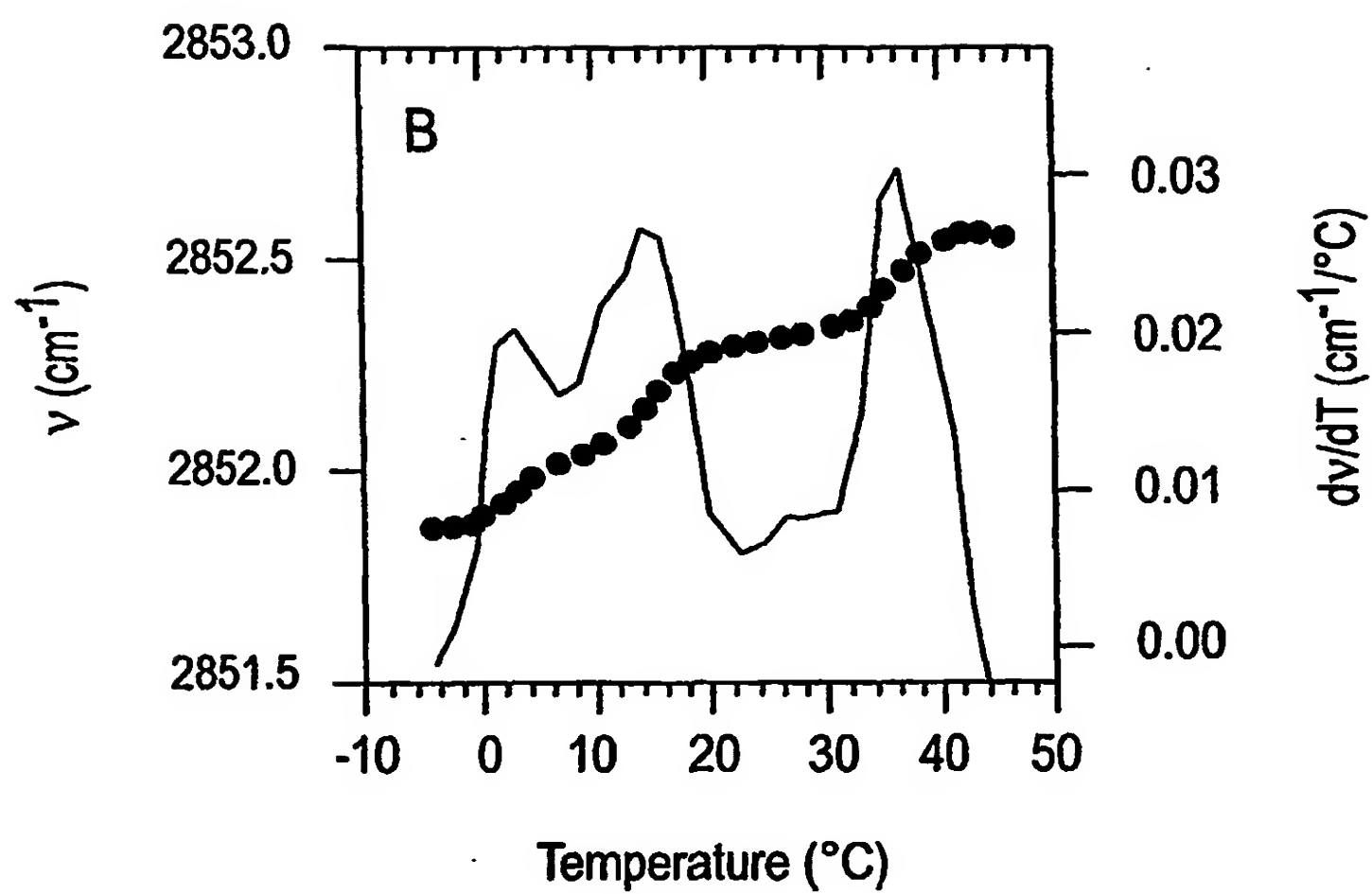
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**FIG. 31**

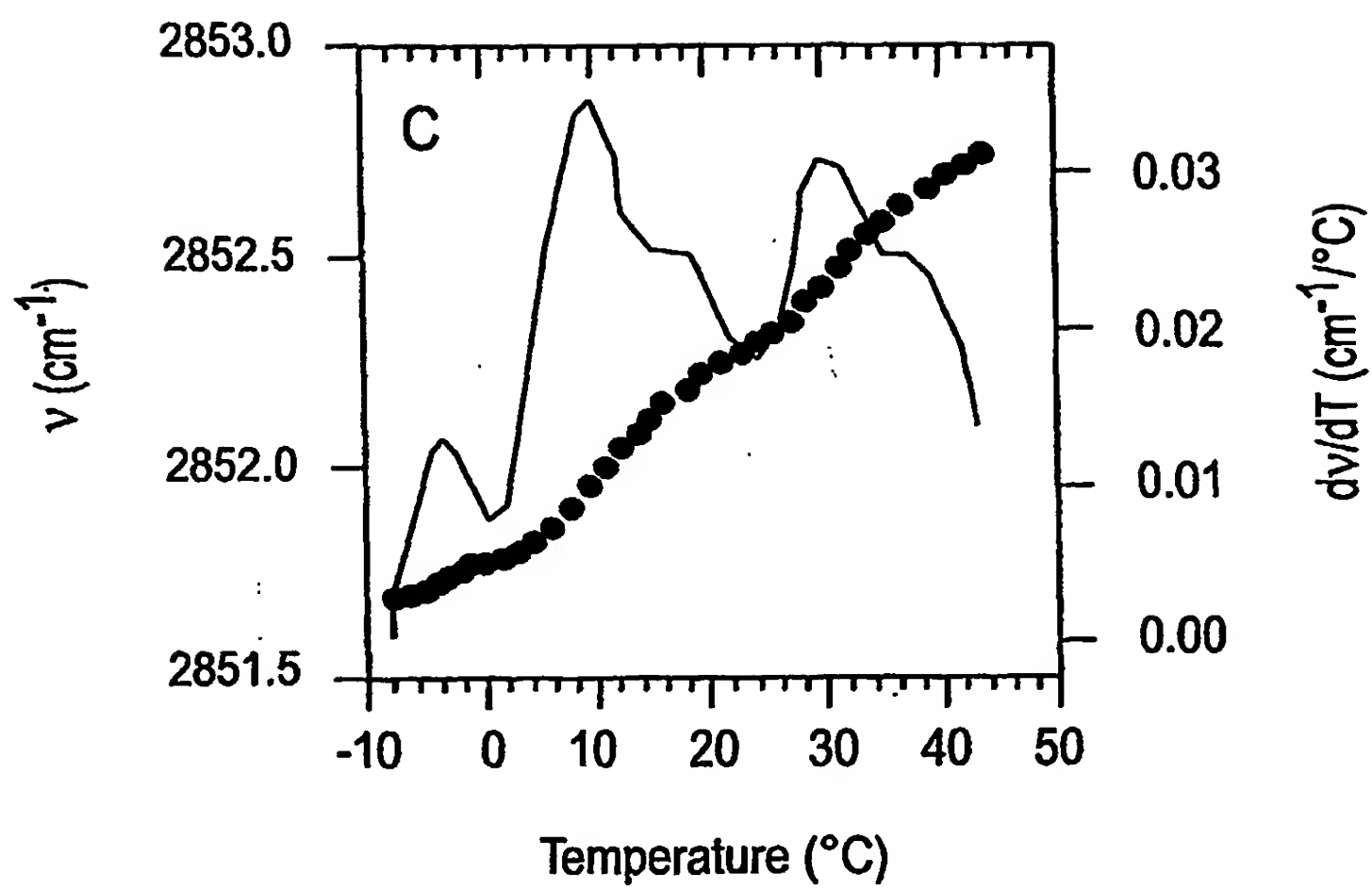
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**FIG. 32**

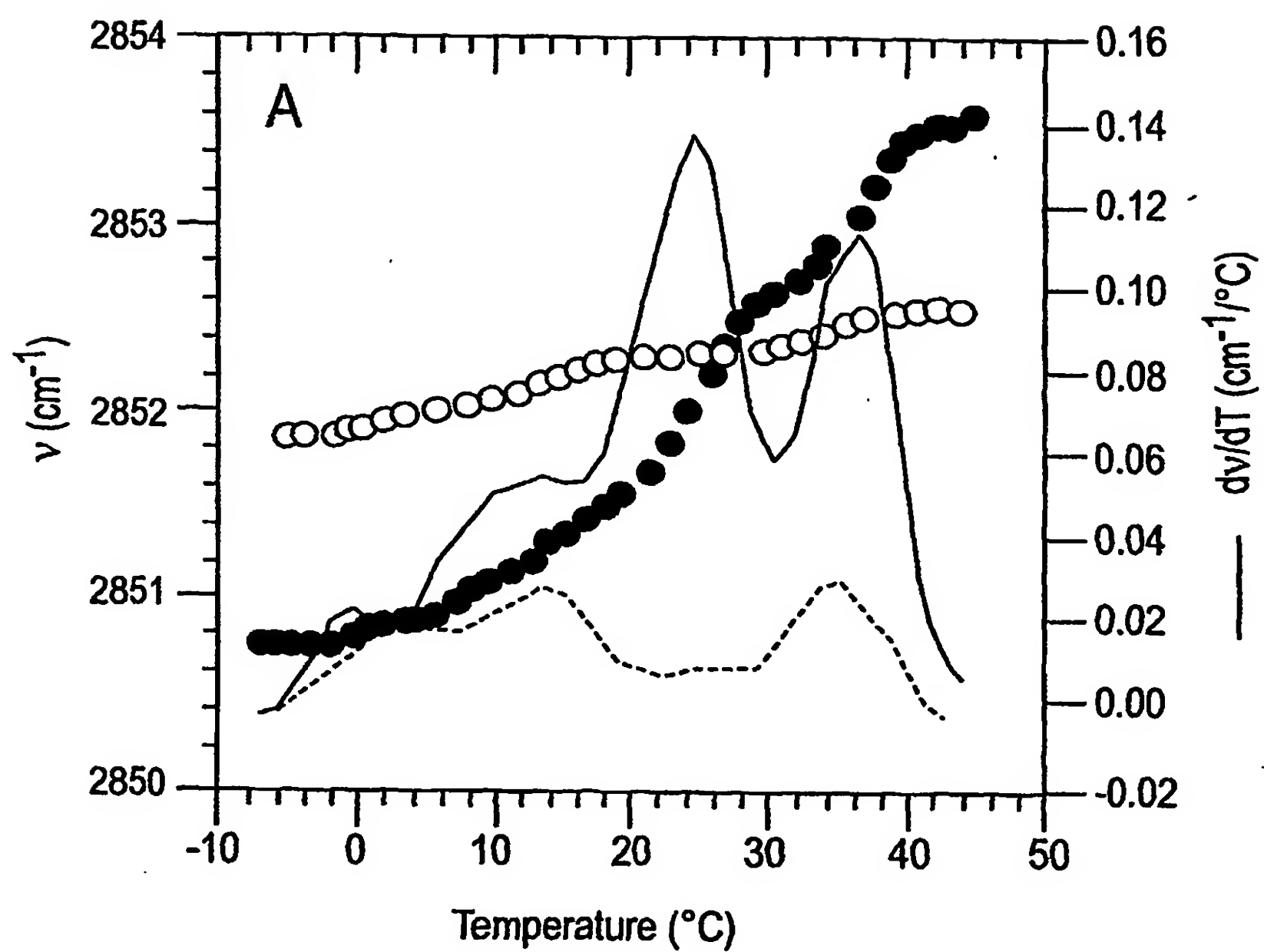
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**FIG. 33**

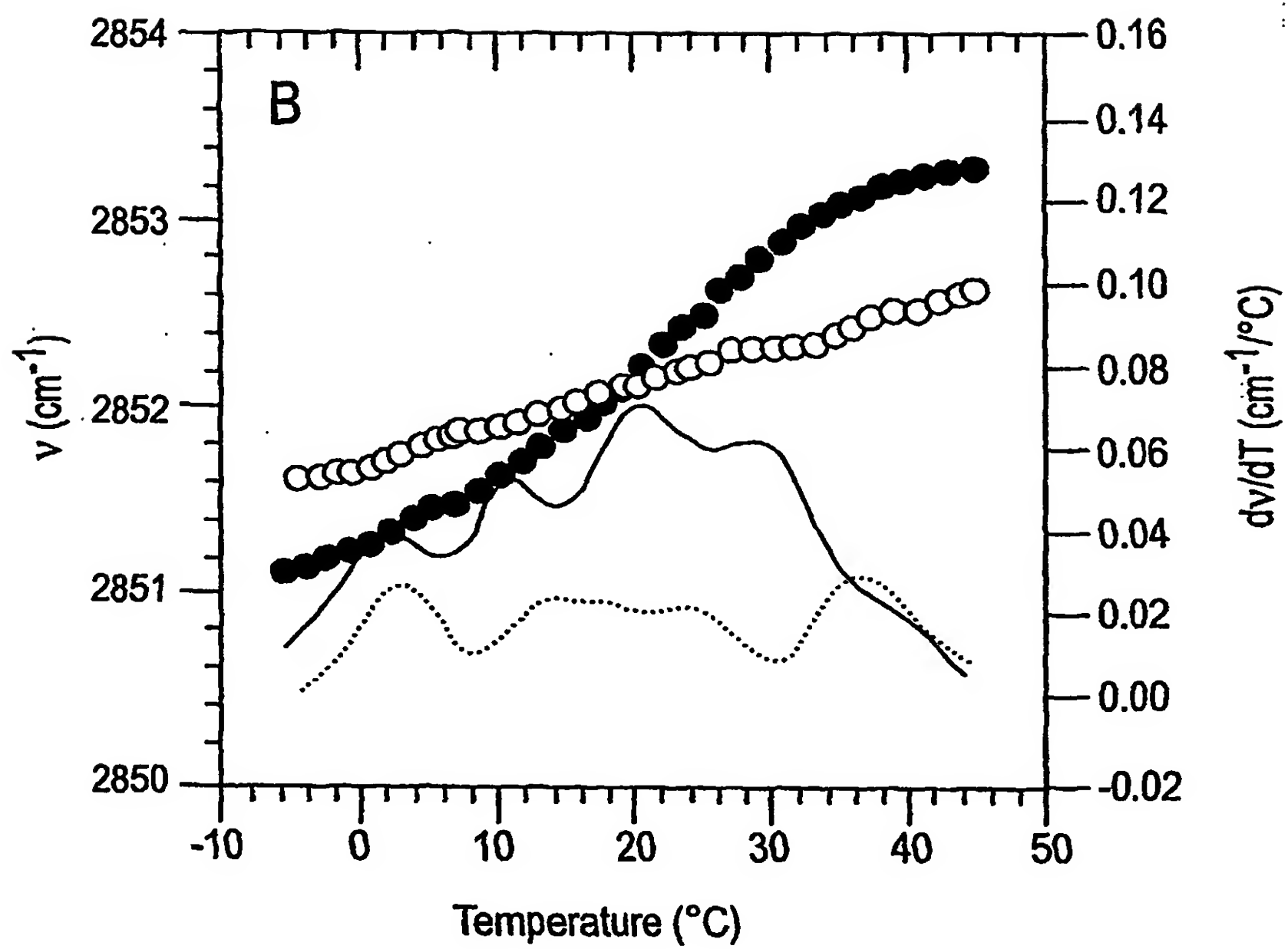
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**FIG. 34**

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**FIG. 35**

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**FIG. 36**

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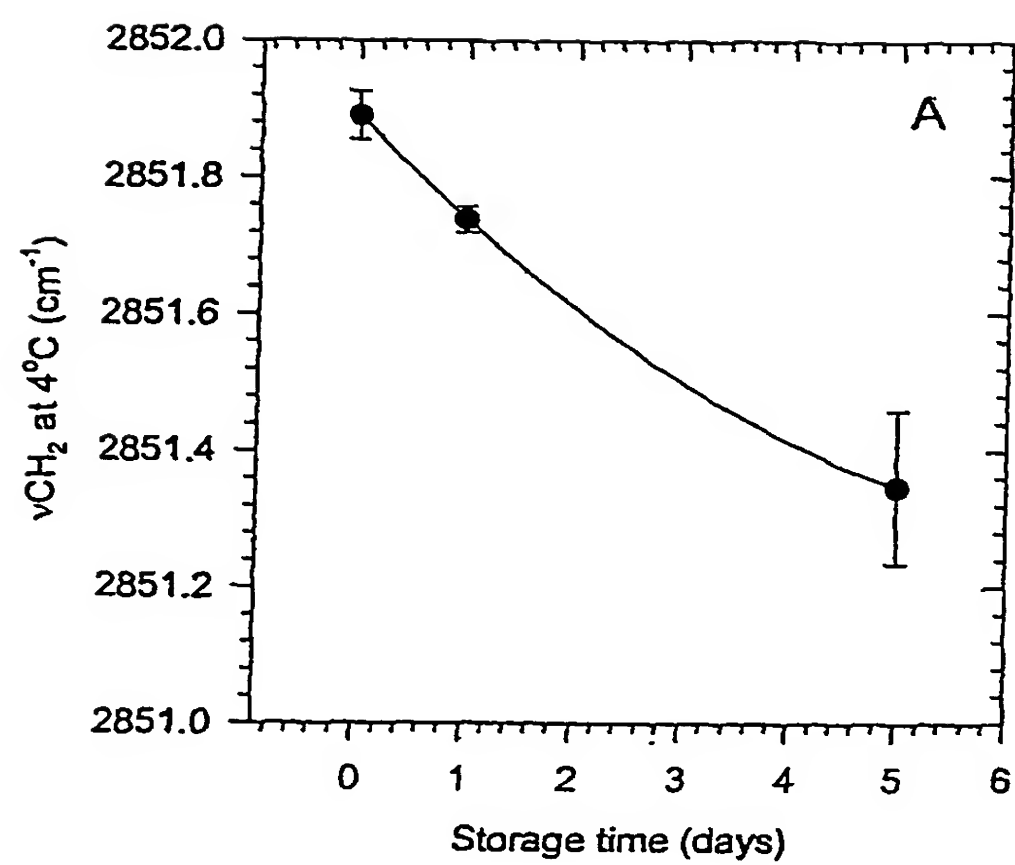
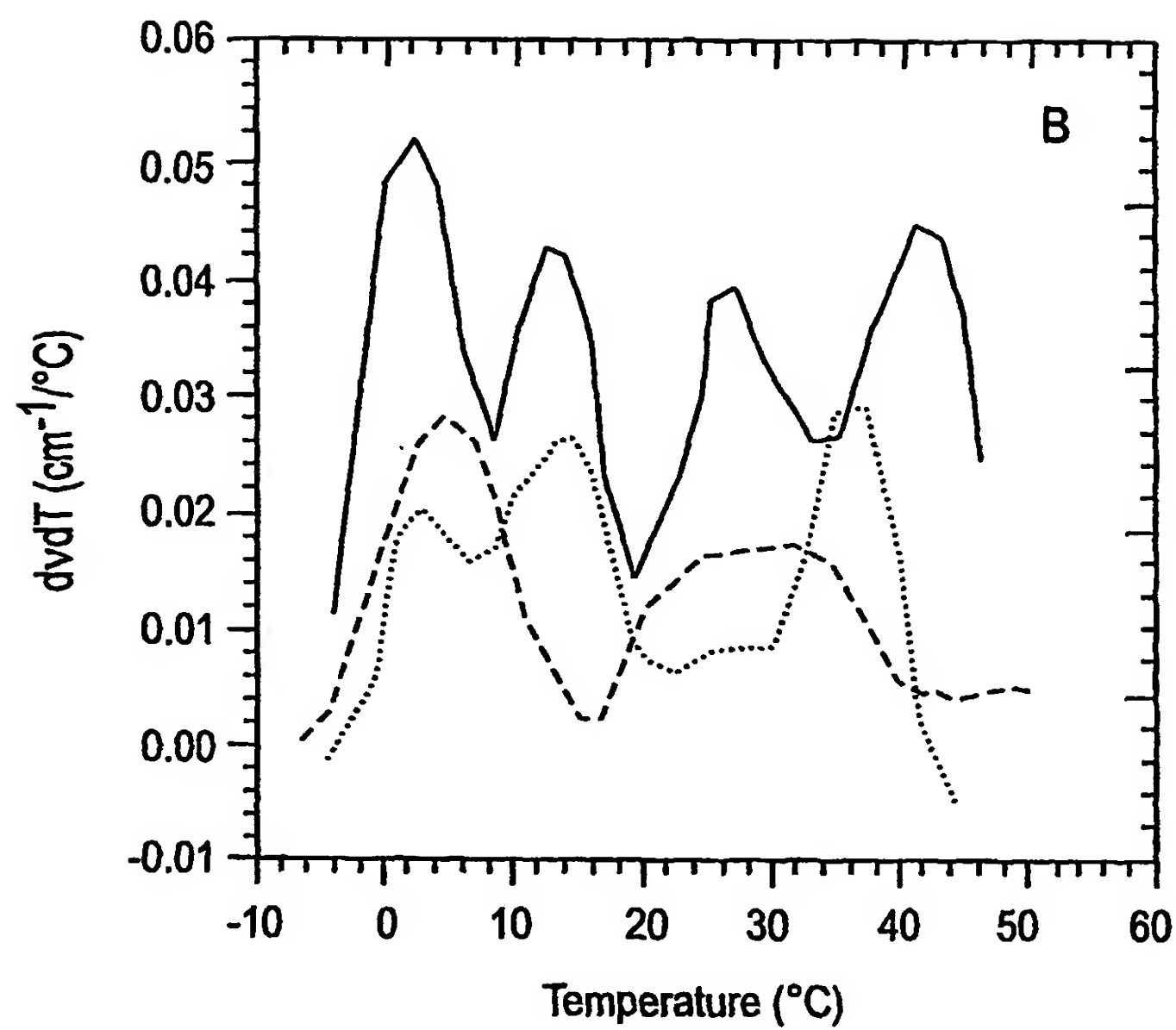


Fig. 37

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**FIG. 38**

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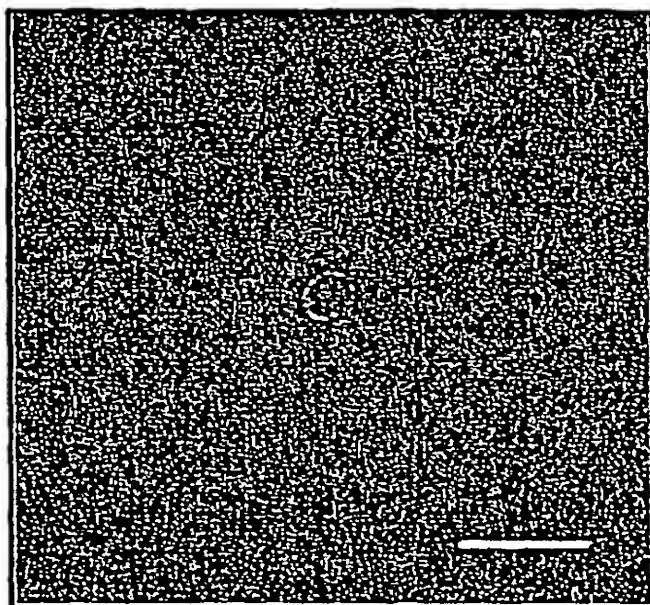


FIG. 39

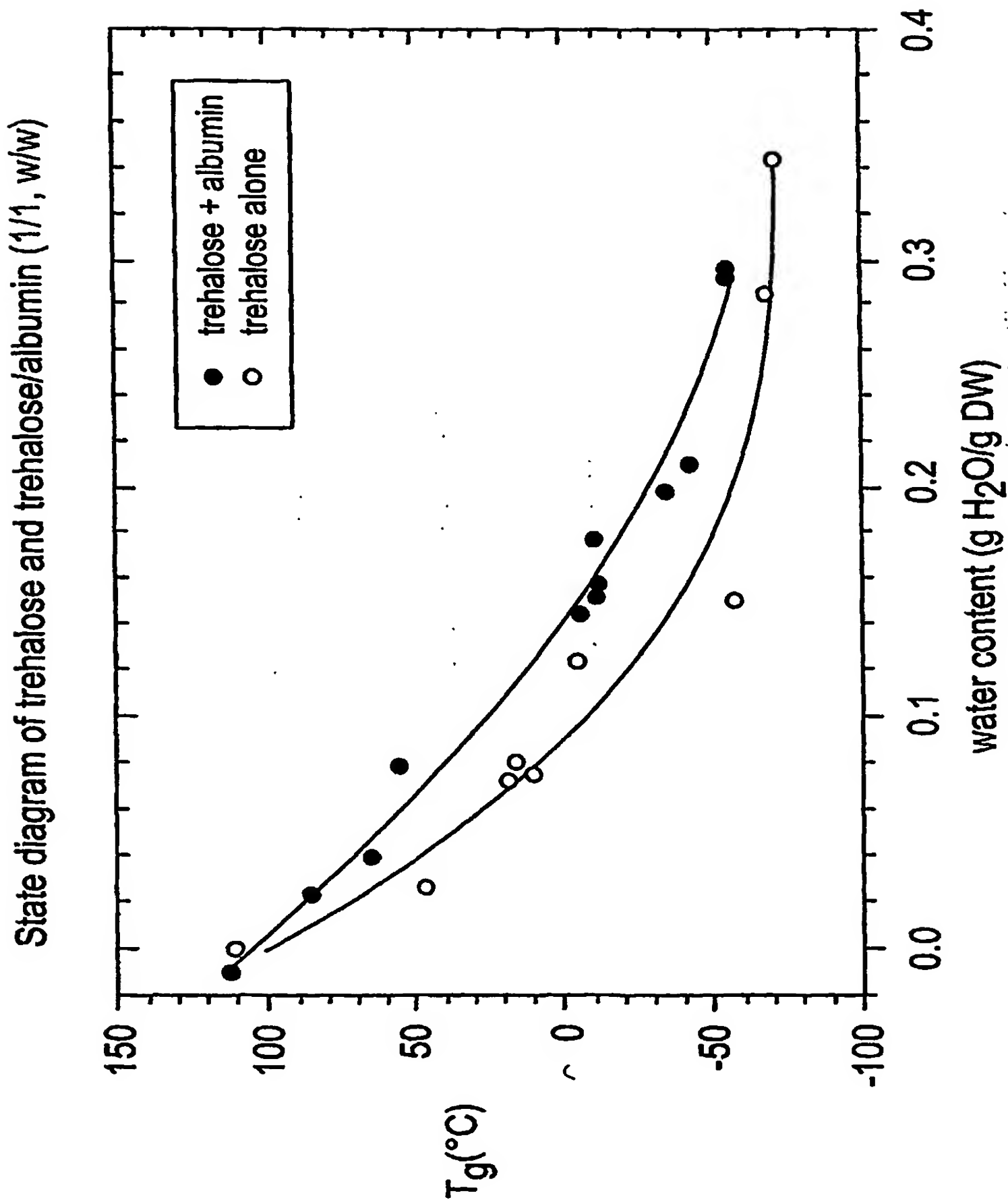
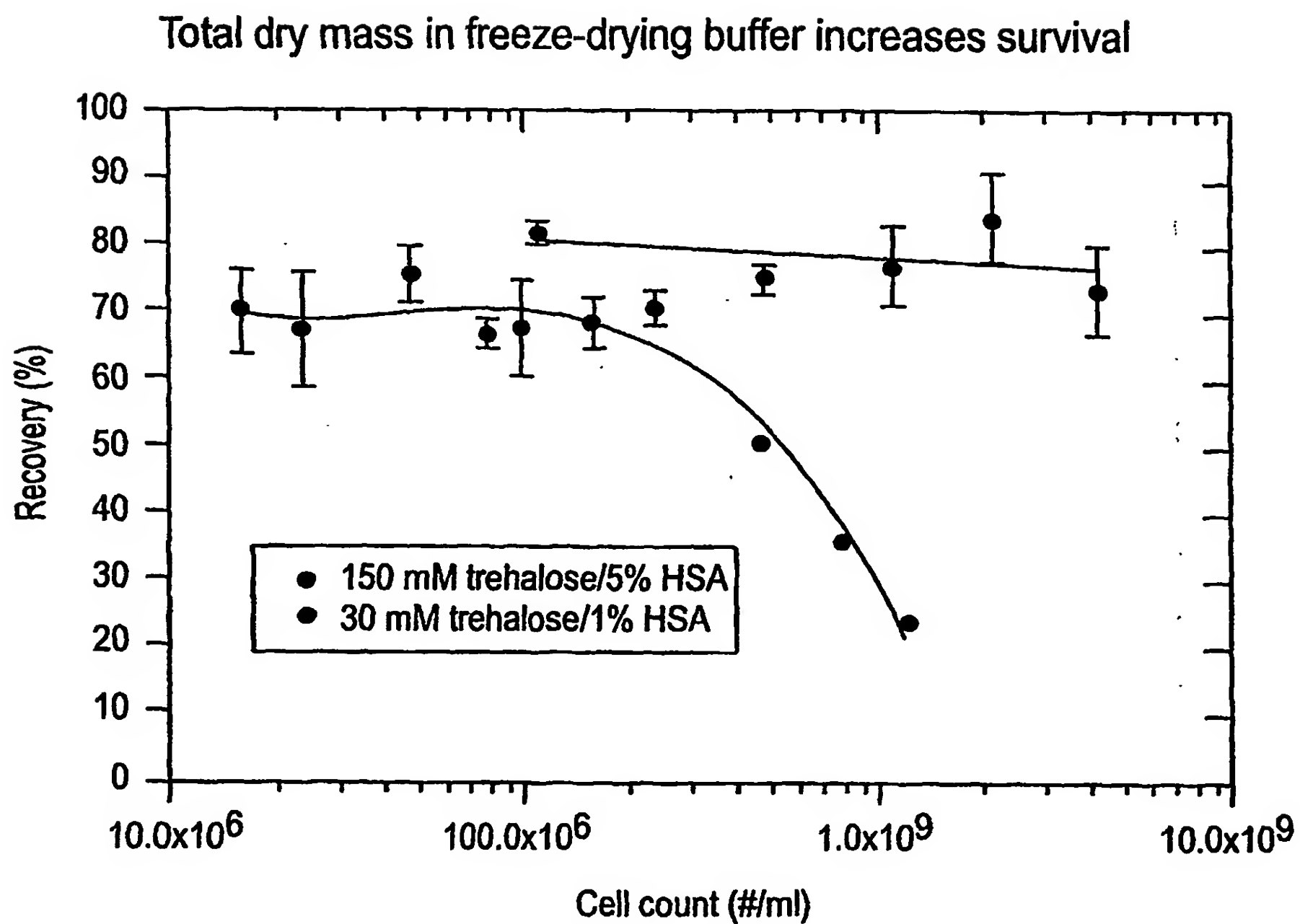


FIG. 40

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**FIG. 41**

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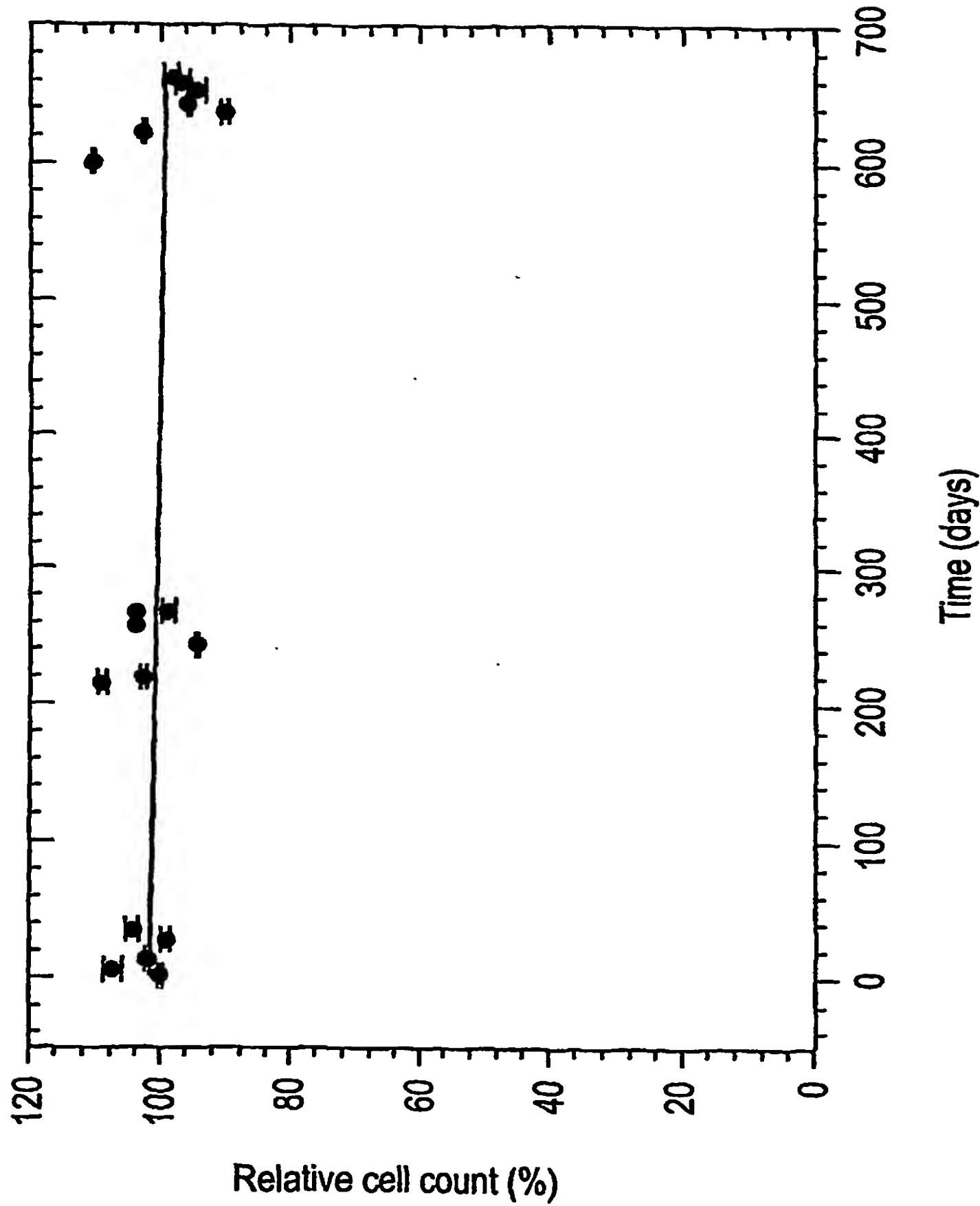
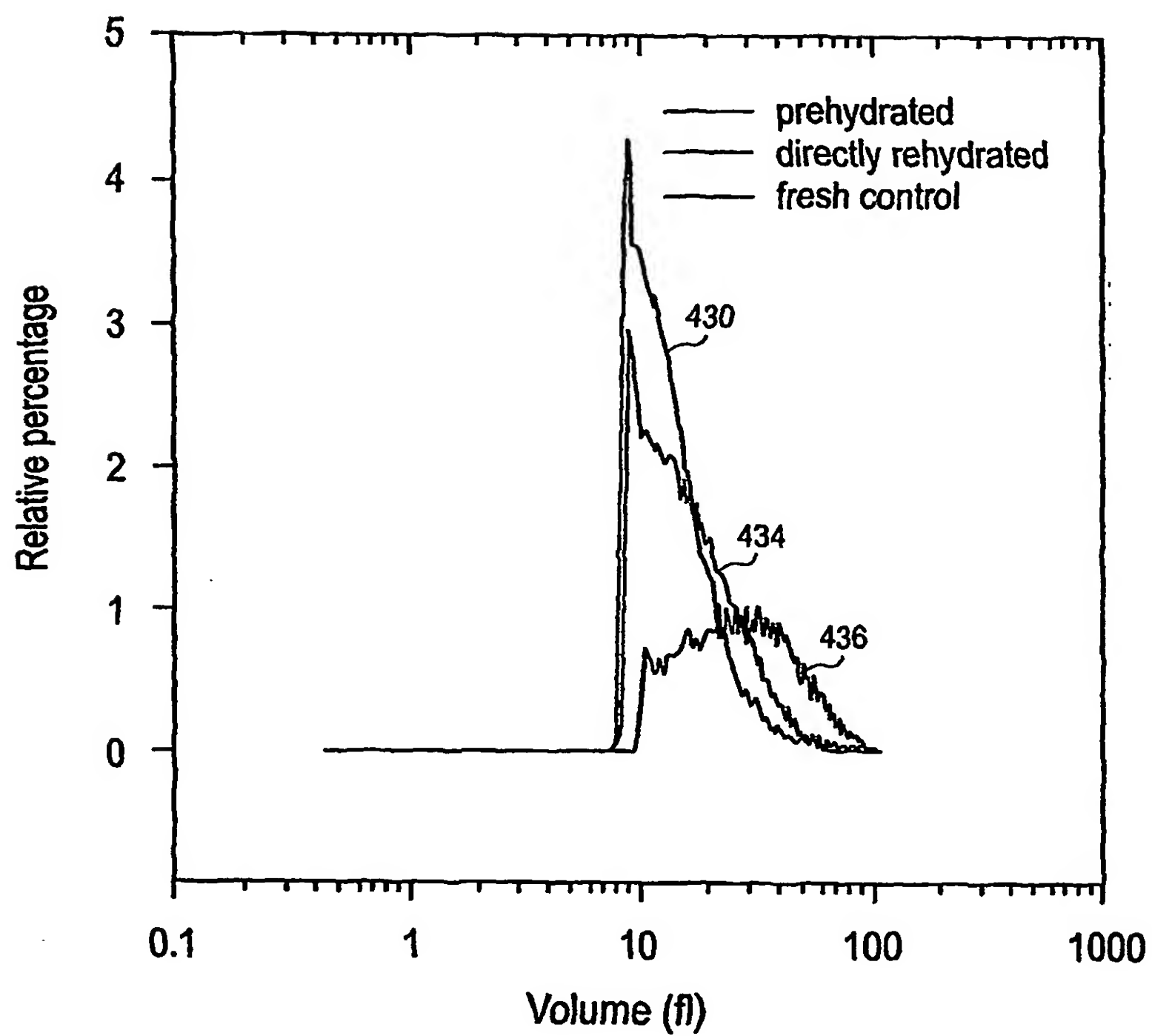
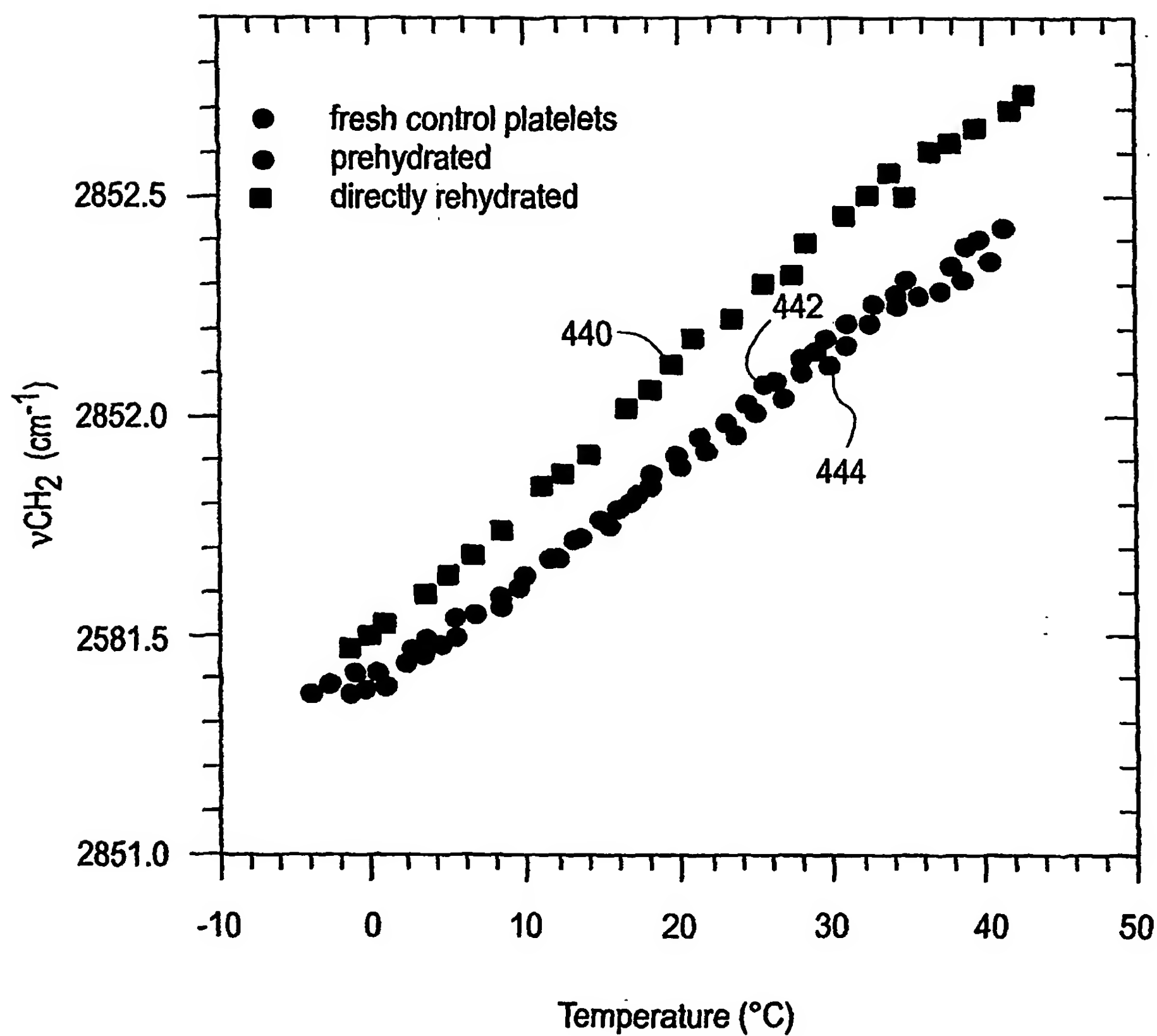


FIG. 42

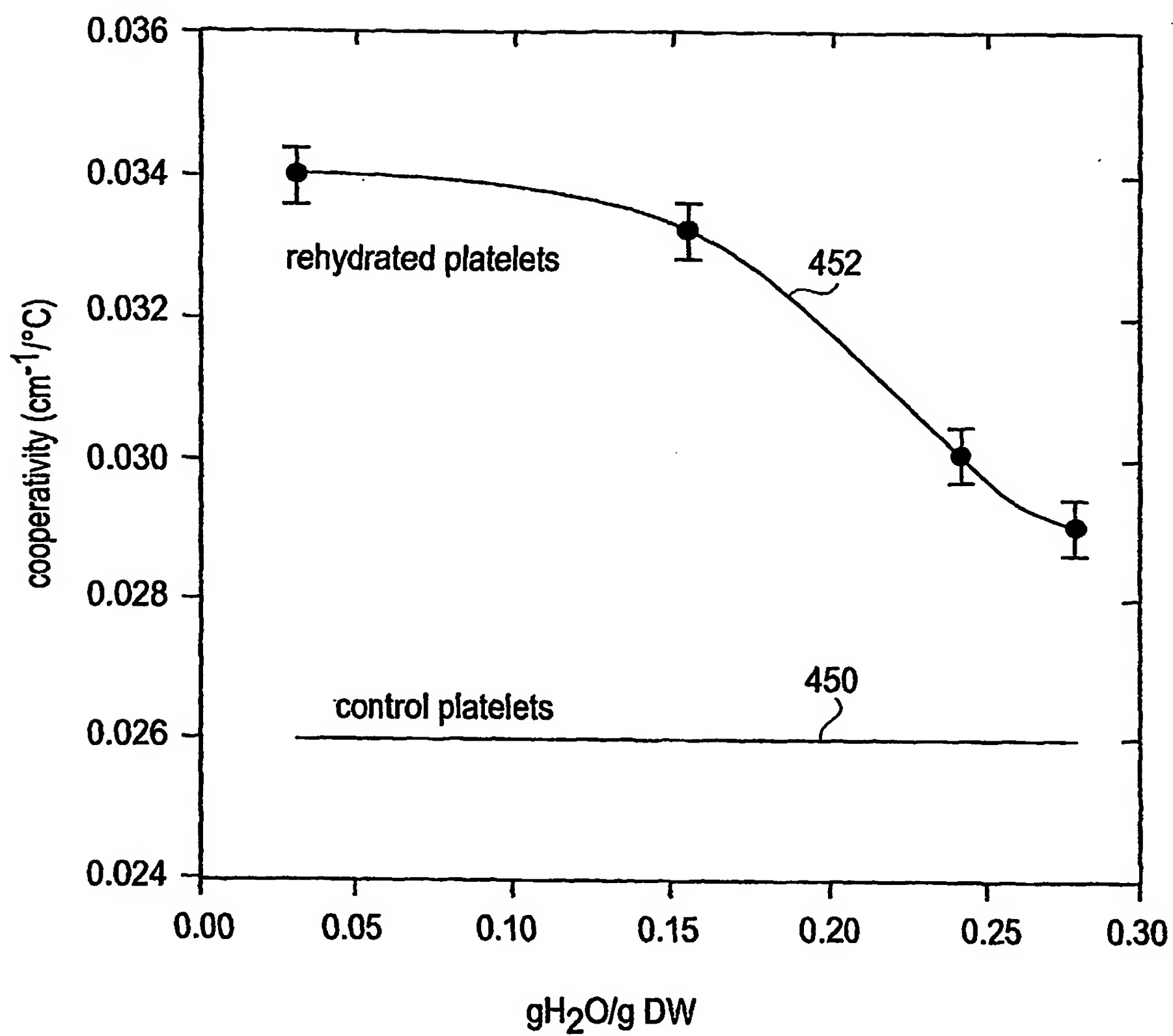
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**FIG. 43**

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**FIG. 44**

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**FIG. 45**

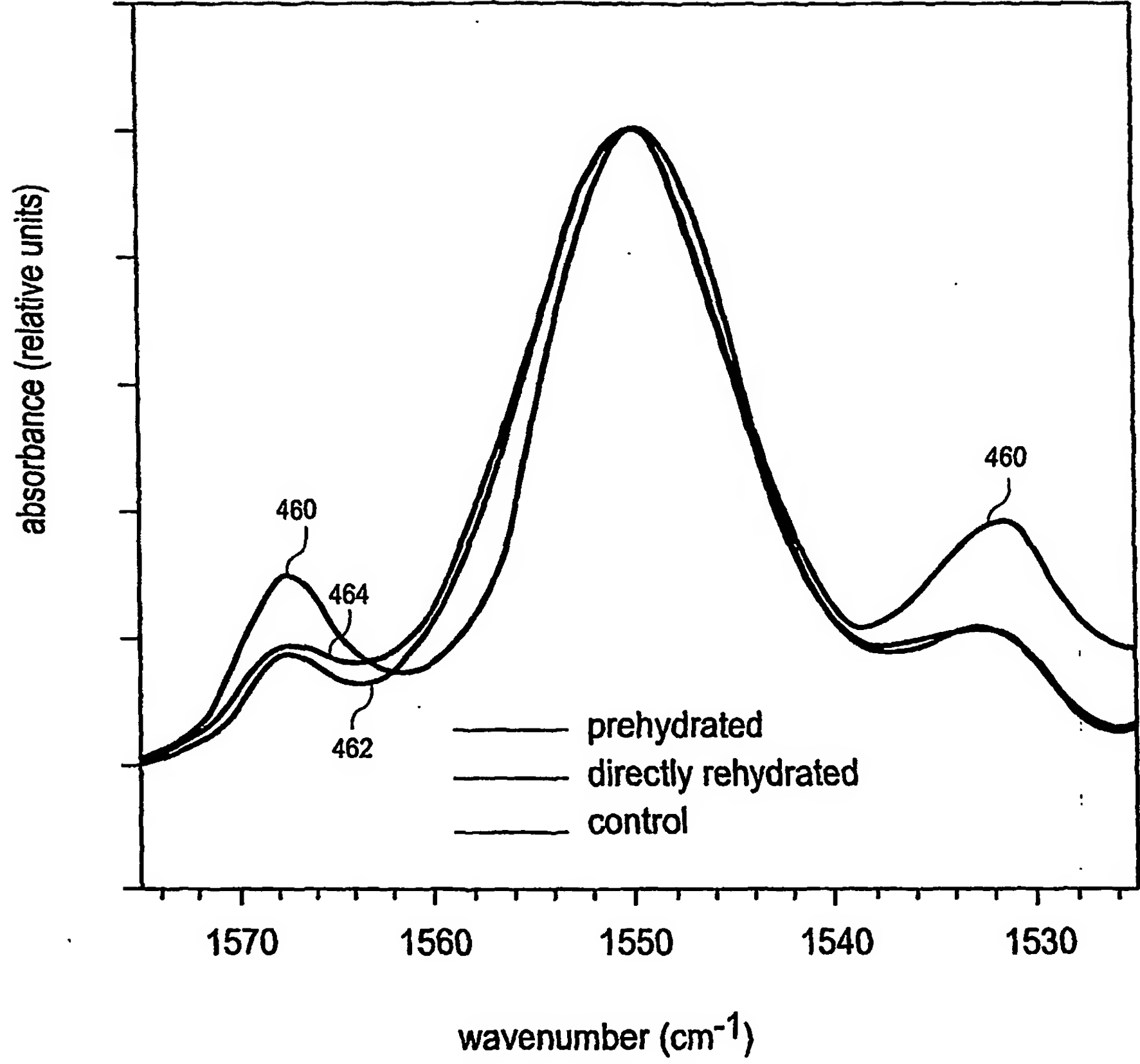


FIG. 46

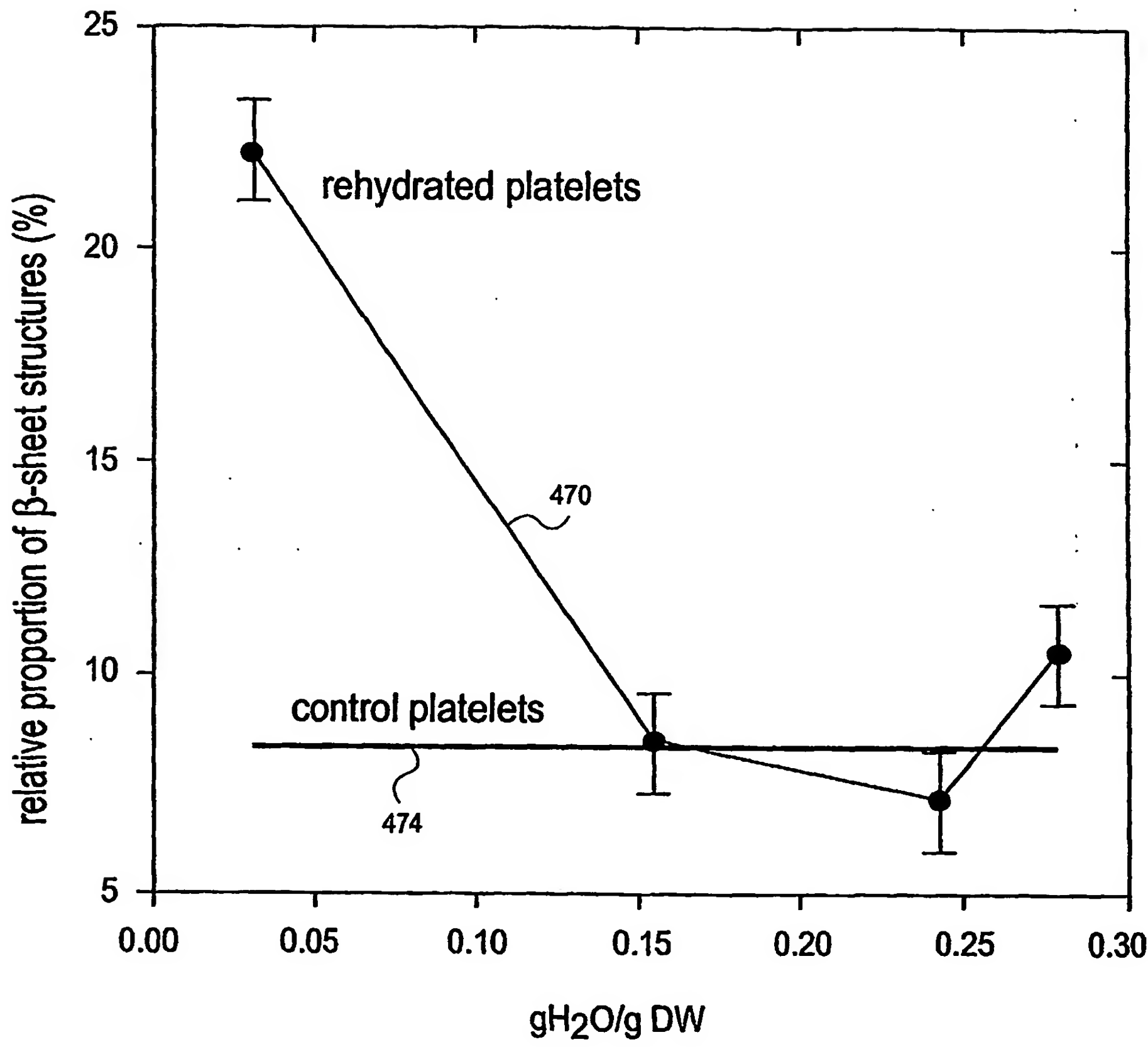


FIG. 47

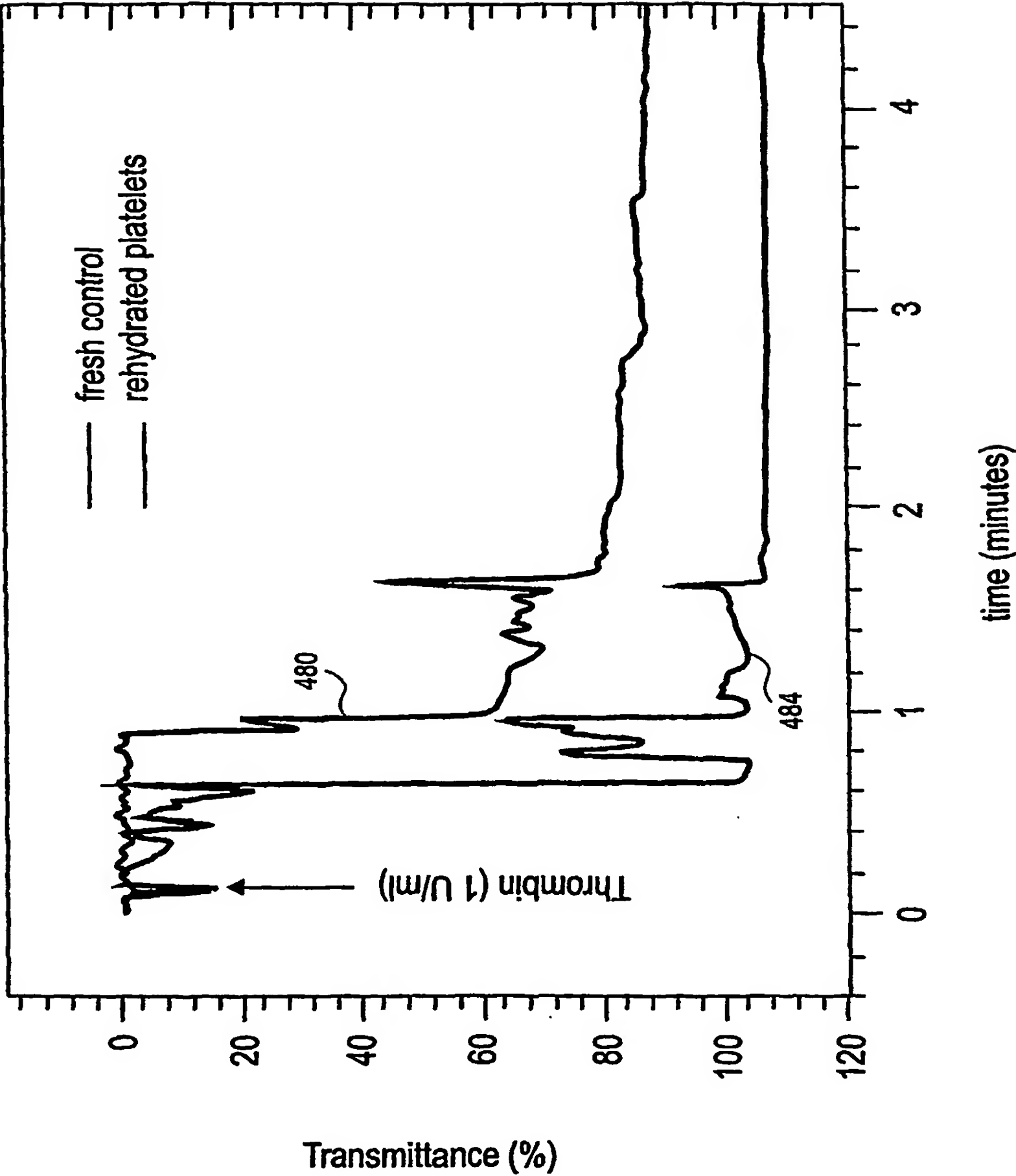


FIG. 48

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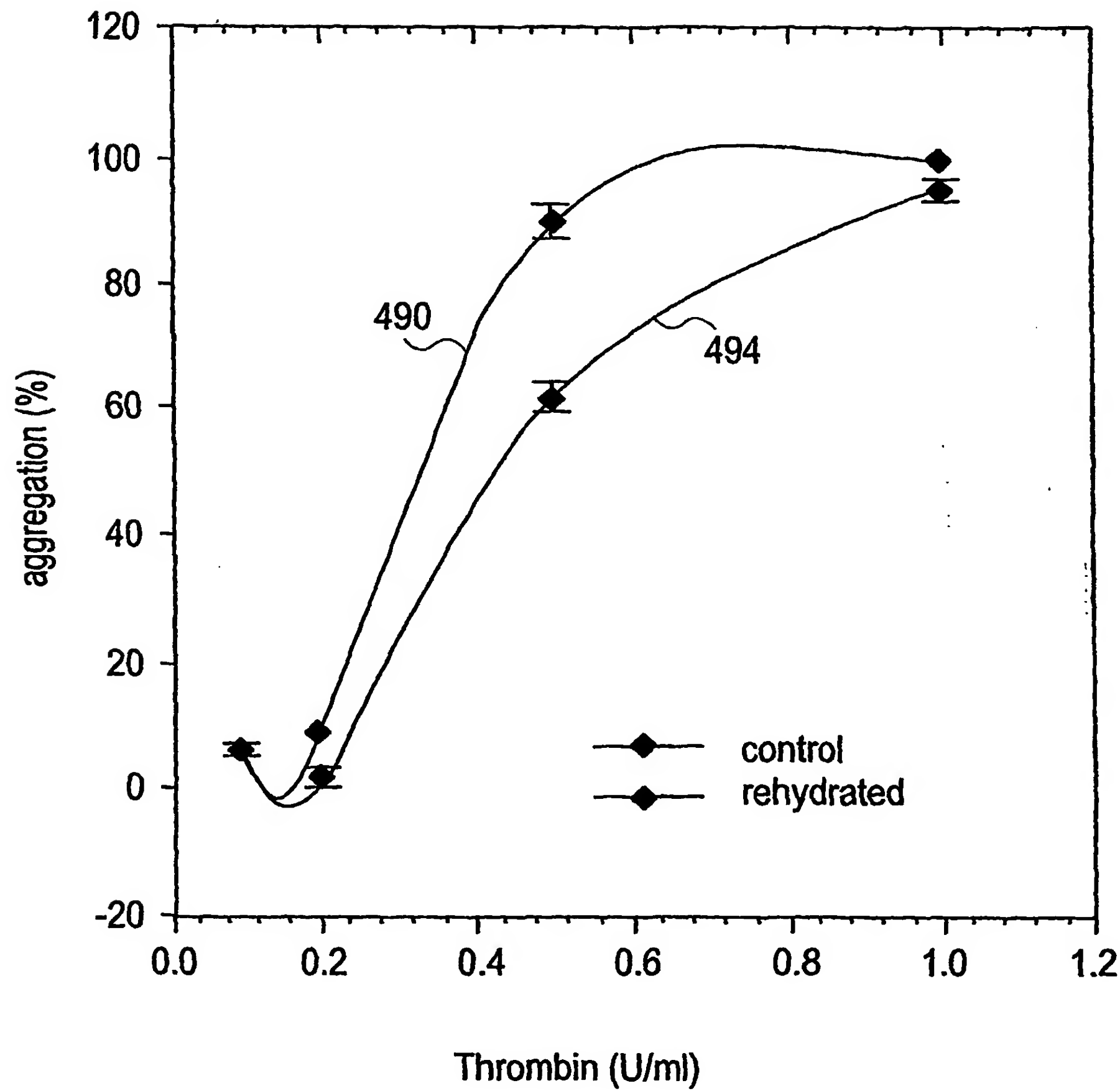


FIG. 49

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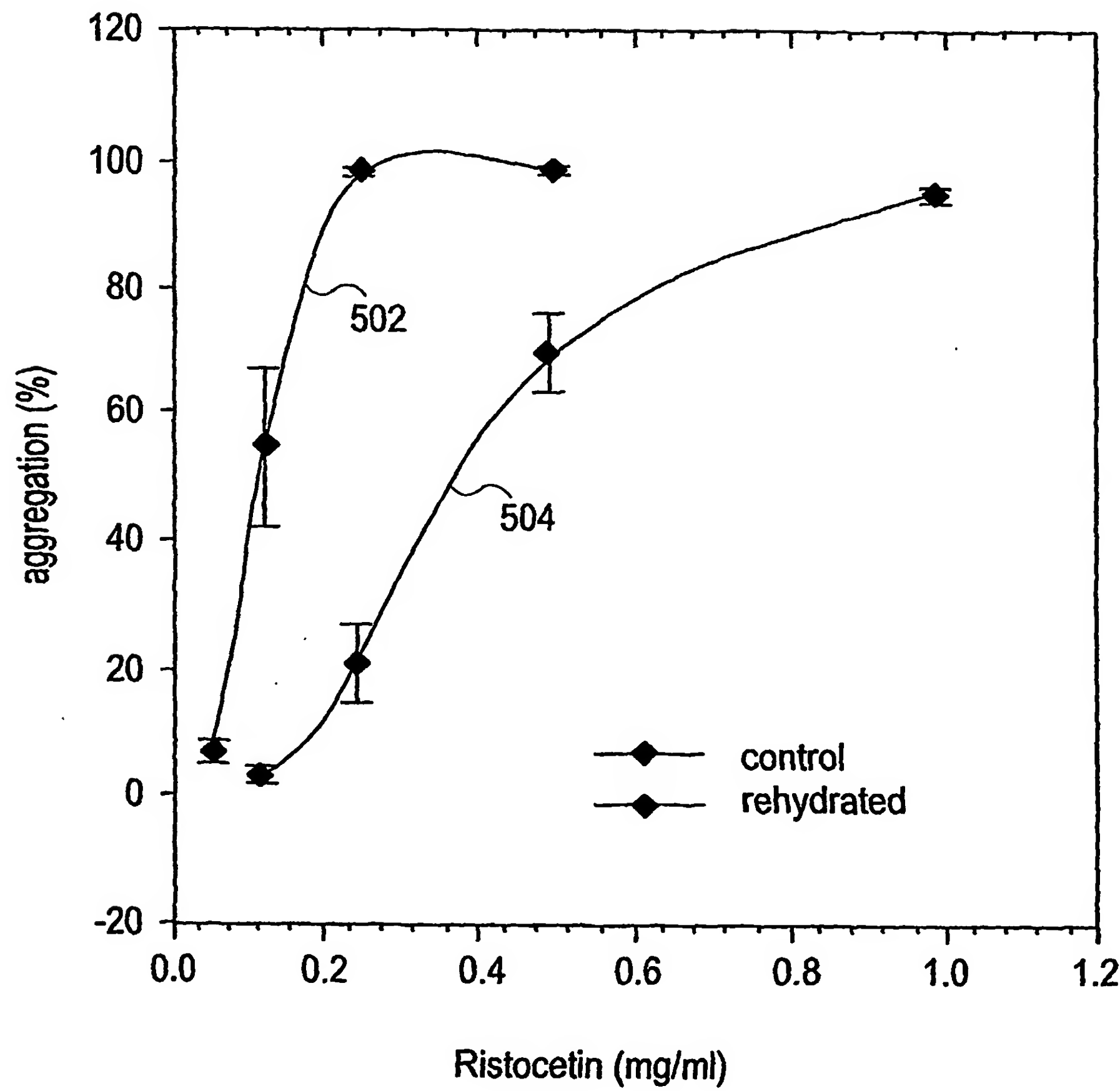


FIG. 50

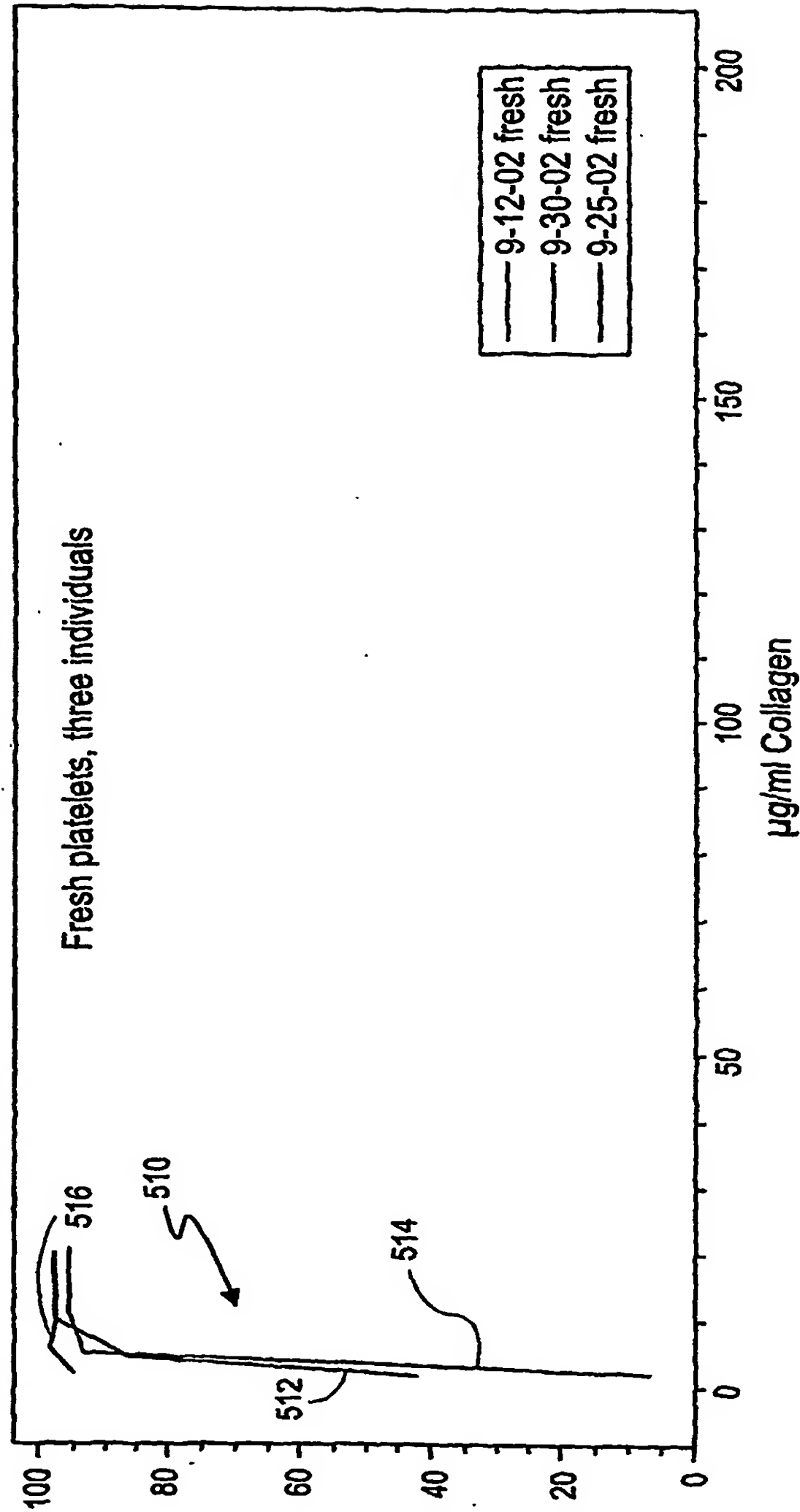


FIG. 51

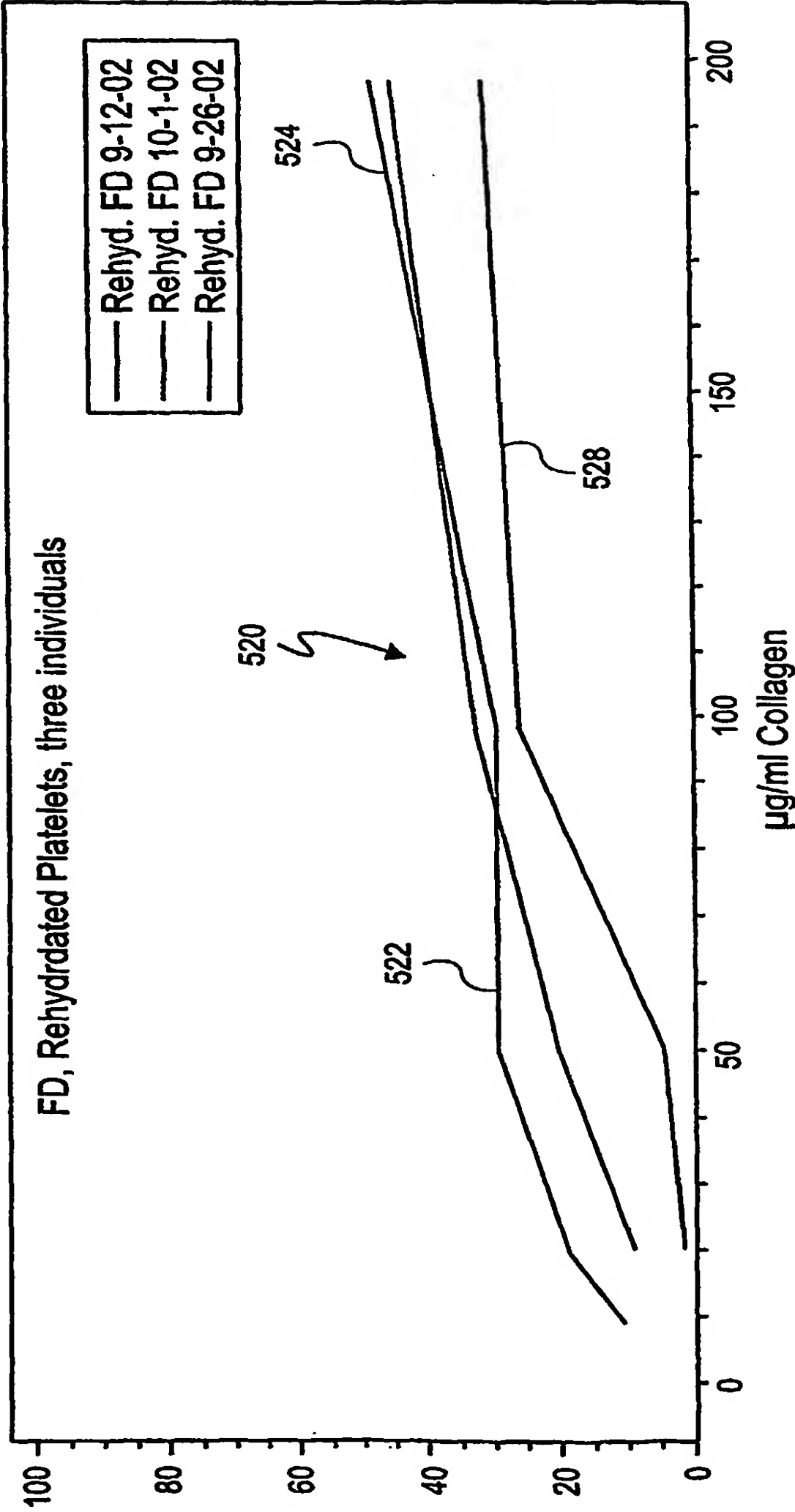


FIG. 52